

## STRUCTURE OF THE MICROCARD

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A02 = Special features/—1
test speci-
fications
A01 = Structure of
microcard —A—**XXX XX*XX XXXXX XX
B01 = 2 —B—*XXXX XXXXX XXXXX XXXXX XXXXX XXX
C— XXXXX XXXXX XXXXX XXXXX XXXXX XXX
D— XXXXX XXXXX XXXXX XXXXX XXXXX XXX
E— XXXXX XXXXX XXXXX XXXXX XXXXX XX
F—
G—
H—
J—
K—
L—
M—
N—
XX*
12345 67890 12345 67890 12345 678
1 2

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N28 = Table of contents and publication information

1 = Tools and devices

2 = Complete instructions, divided into test steps (no references)

a. Read from left to right.

b. Title of micropicture (appears on each coordinate).

E16	Product/component/test step	
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Coordinate

c. Limits of section

Beginning

Mid-section

End

**One-page section**

A01	VERZEICHNIS DER PRÜFWERTE	=> <=
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## 1. GENERAL

The test specifications given on this microcard are specially geared to the distributor test bench ZVS 50 (0 683 400 200) and the ignition-distributor test adapter KDZV 7202.

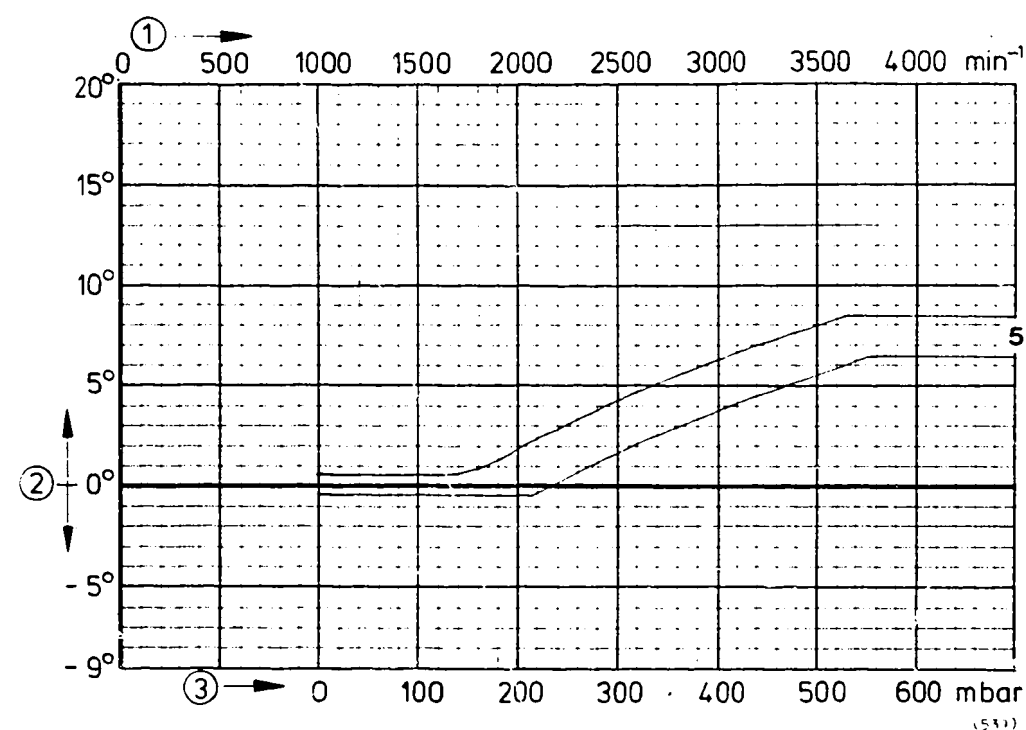
They are not to be used for other tests.

The correct test specifications for the corresponding ignition distributor can only be determined via the microcard "List of Test Specifications" W-001/016.

## 2. SPECIAL FEATURES

Special clamping flanges and drivers are required for various ignition distributors, so as to ensure proper testing (avoidance of damage).

In this microcard the clamping flange and driver are listed below the test specifications.



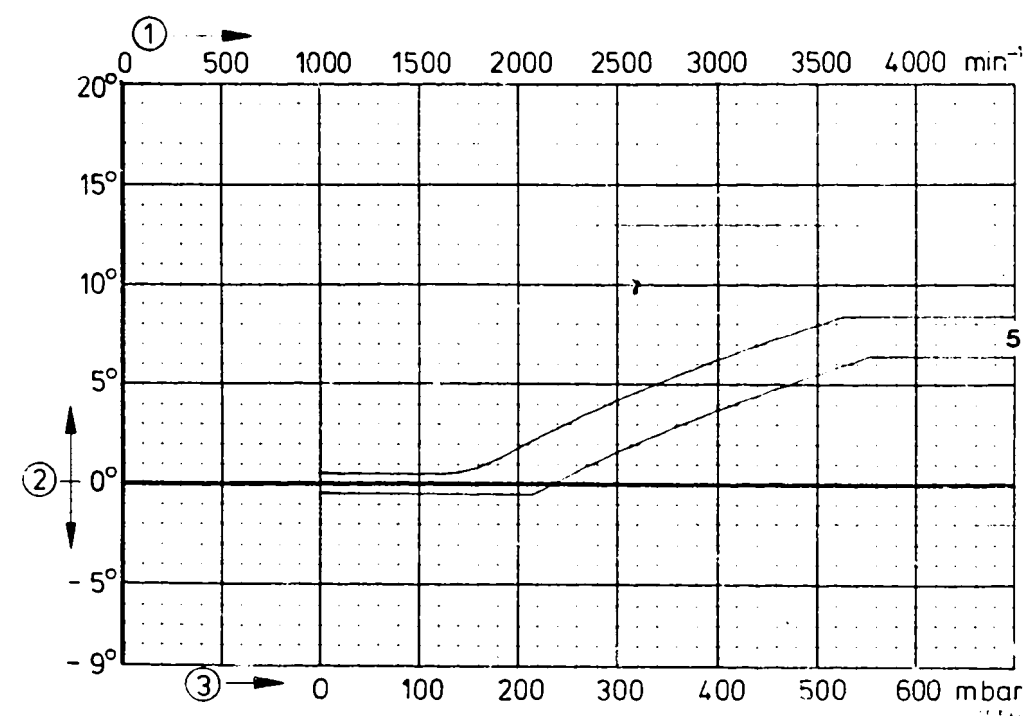
0 237 504 007

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



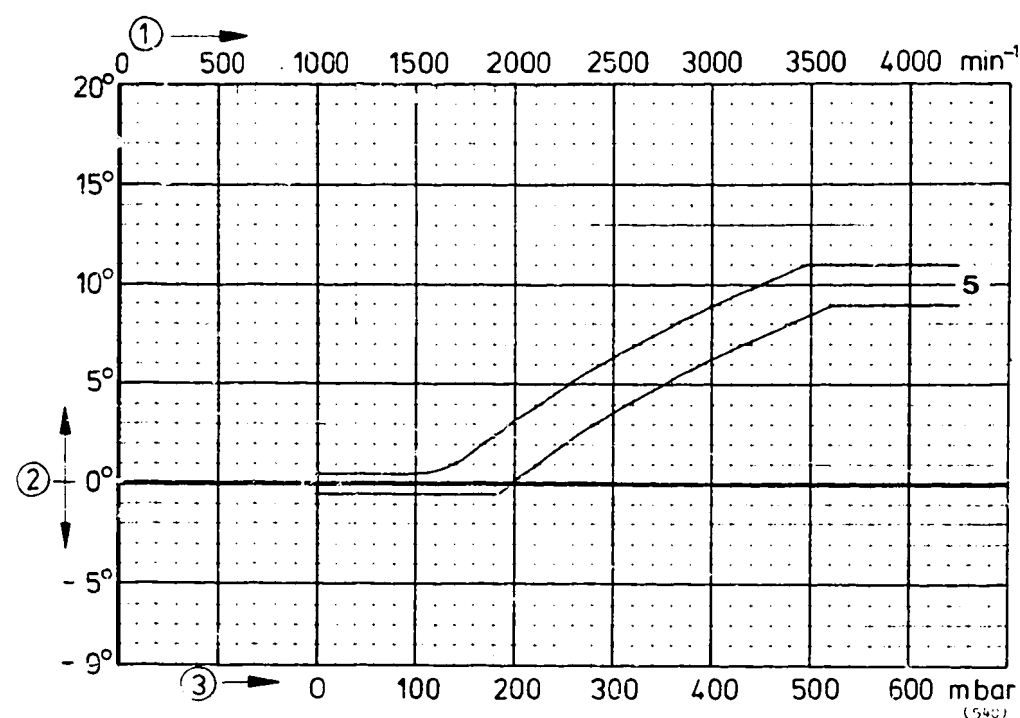
0 237 504 008

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



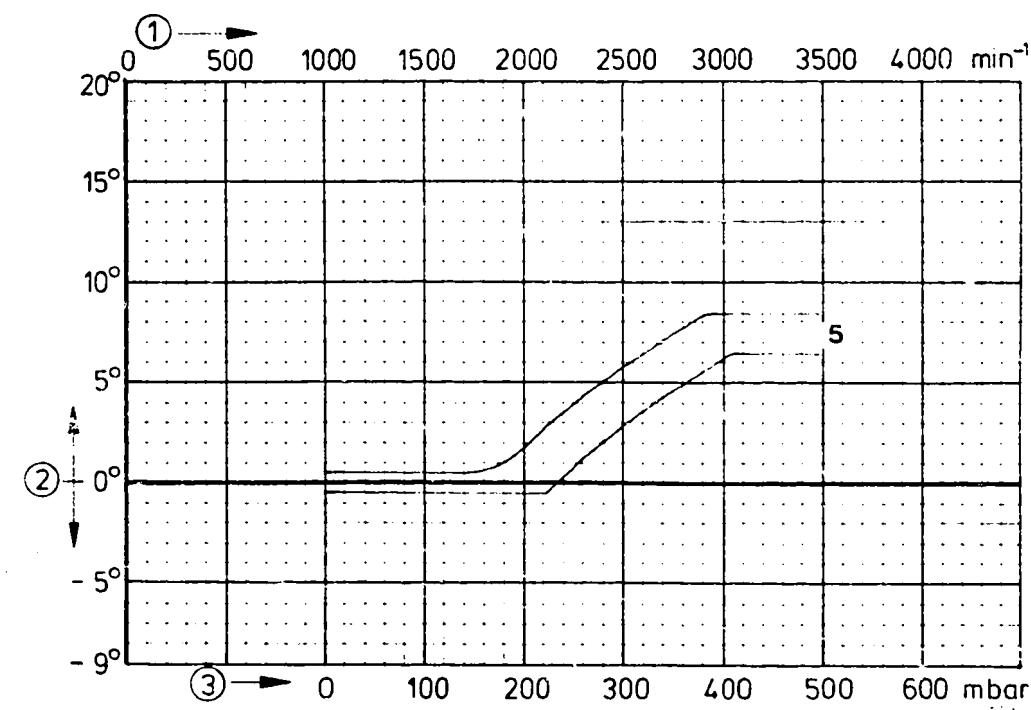
0 237 504 009

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



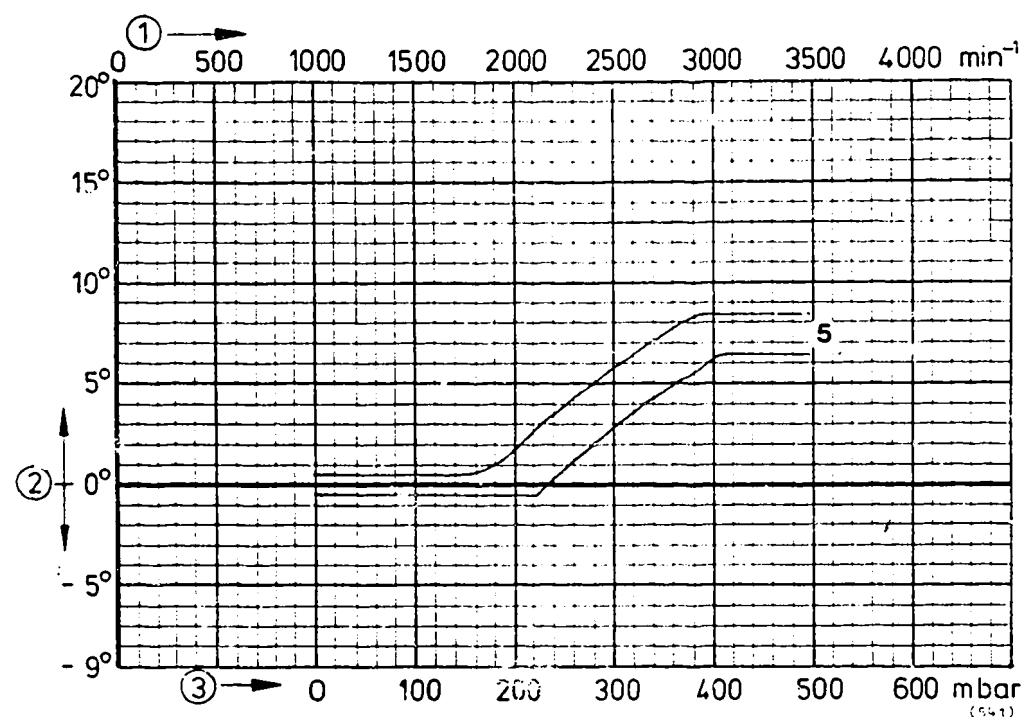
0 237 507 002

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



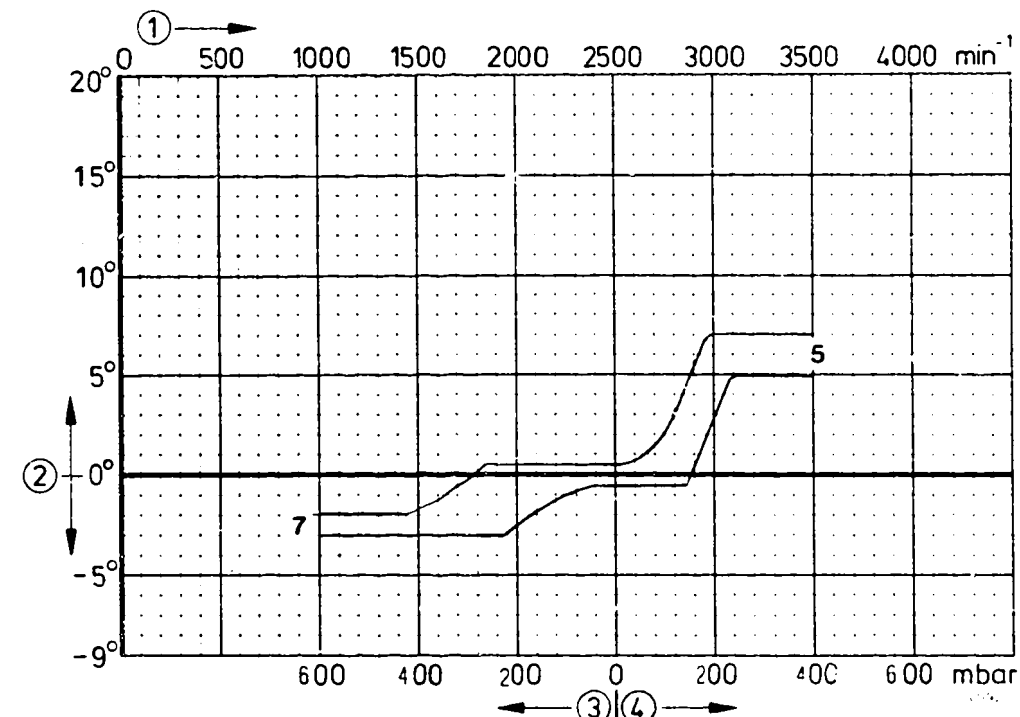
0 237 507 004

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 IL-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



0 237 507 006

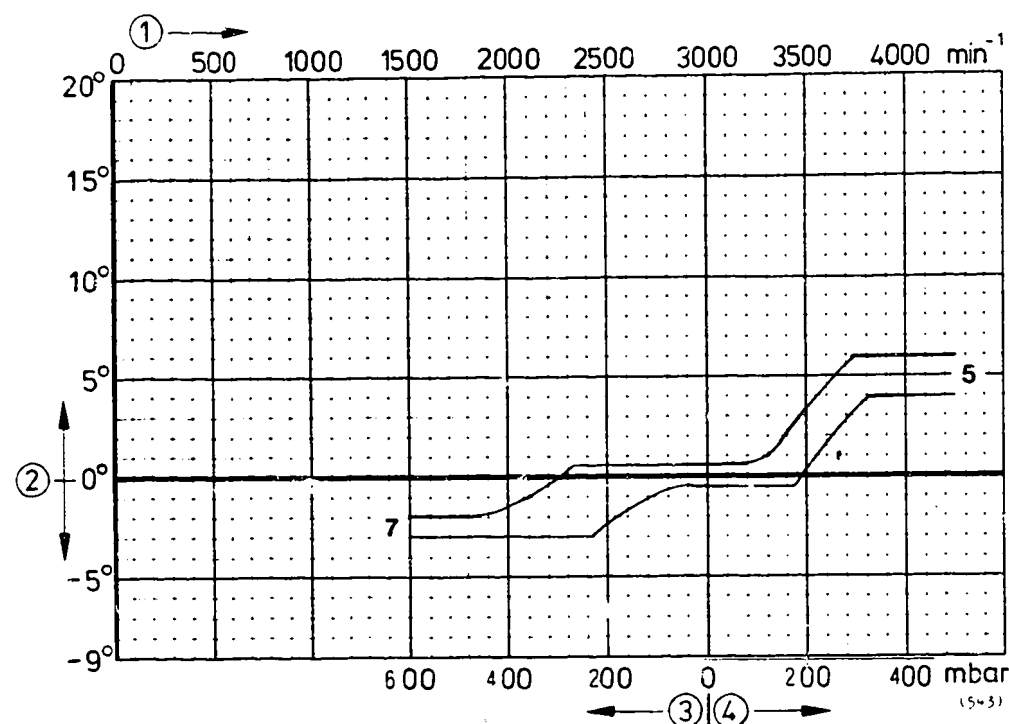
- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 4 = Gauge pressure
- 5 = Negative gauge pressure (vacuum) advance
- 7 = Gauge pressure (advance/retard)

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500





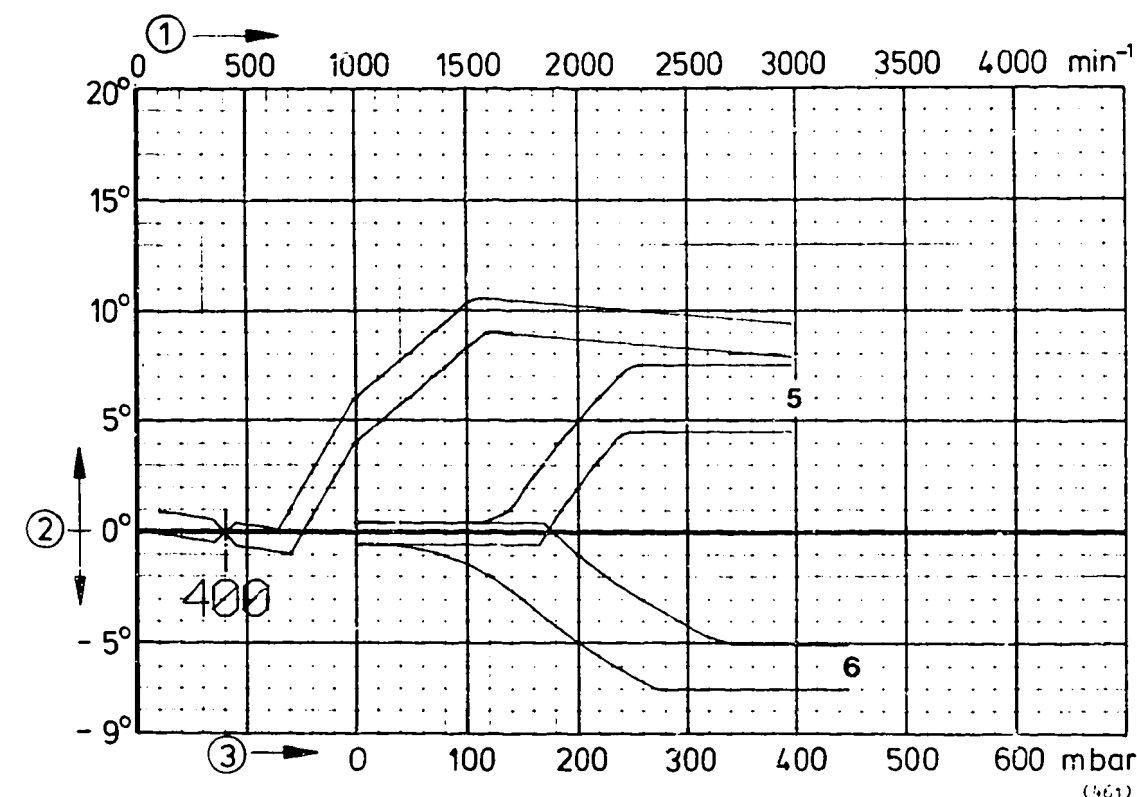
0 237 507 007 / 008

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 4 = Gauge pressure
- 5 = Negative gauge pressure (vacuum) advance
- 7 = Gauge pressure (advance/retard)

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



0 237 600 055

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I

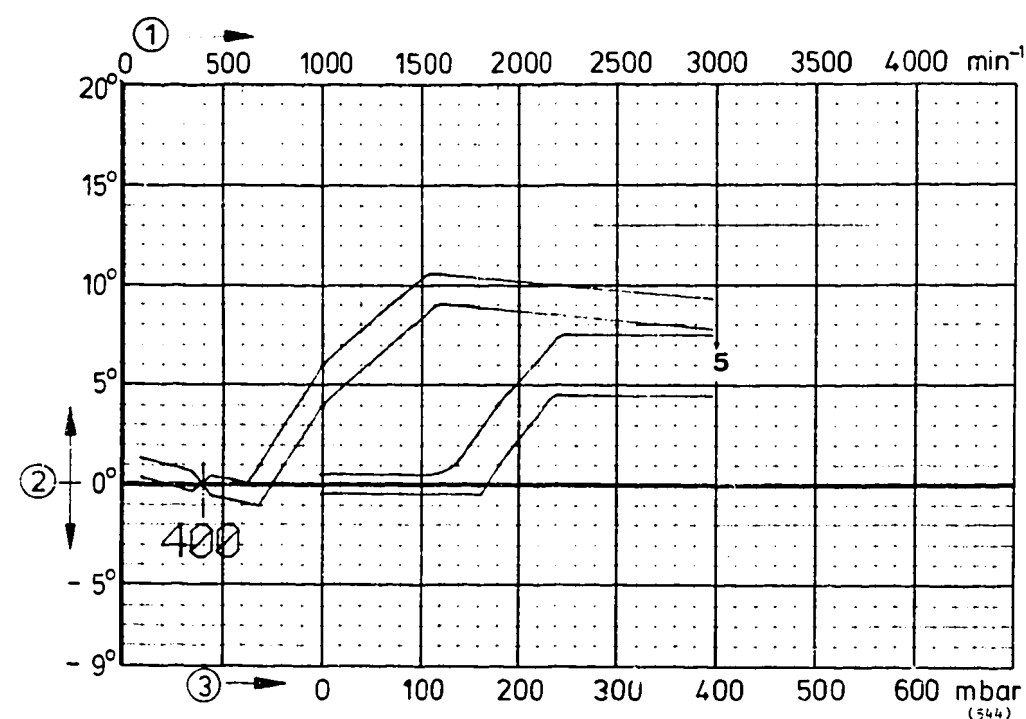
Sensor resistance 690...940  $\Omega$

Air gap min. 0,1 mm

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Cut-out speed of limiter 3190 up to 3380 min<sup>-1</sup>

Repair and test instructions W-237/503

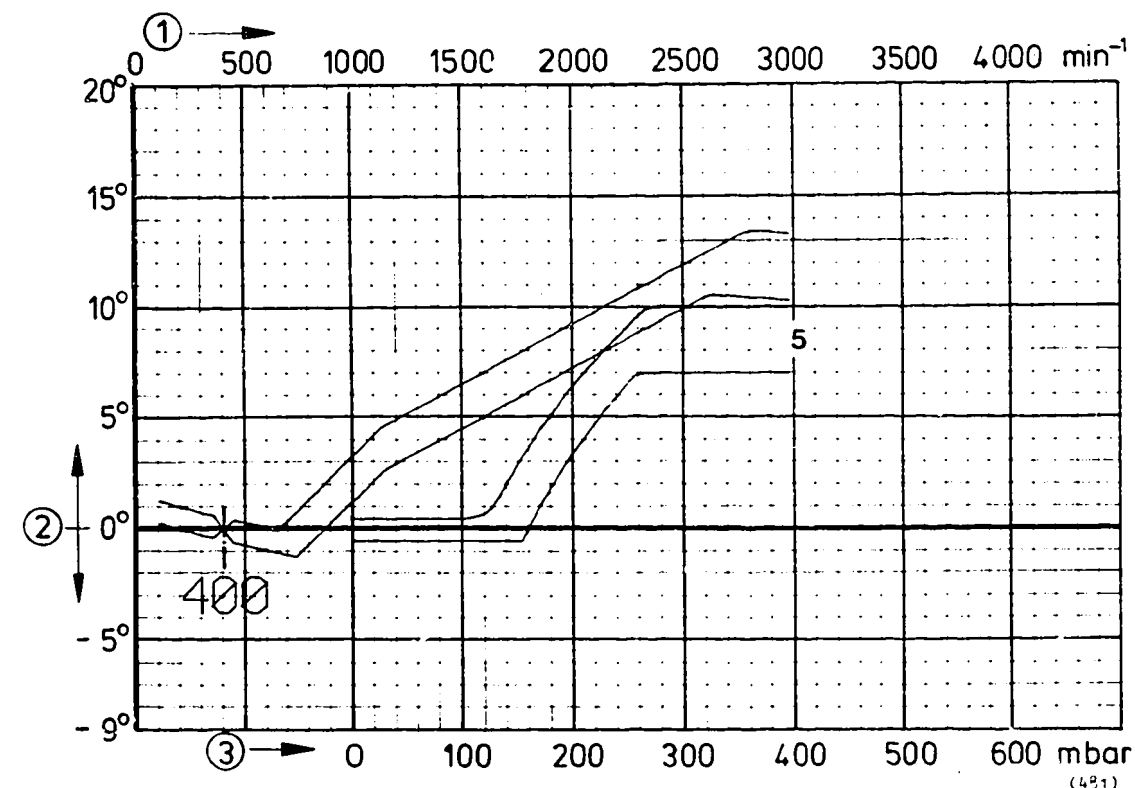


0 237 601 001

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed of limiter 3230 up to 3430 min<sup>-1</sup>

Repair and test instructions W-237/502

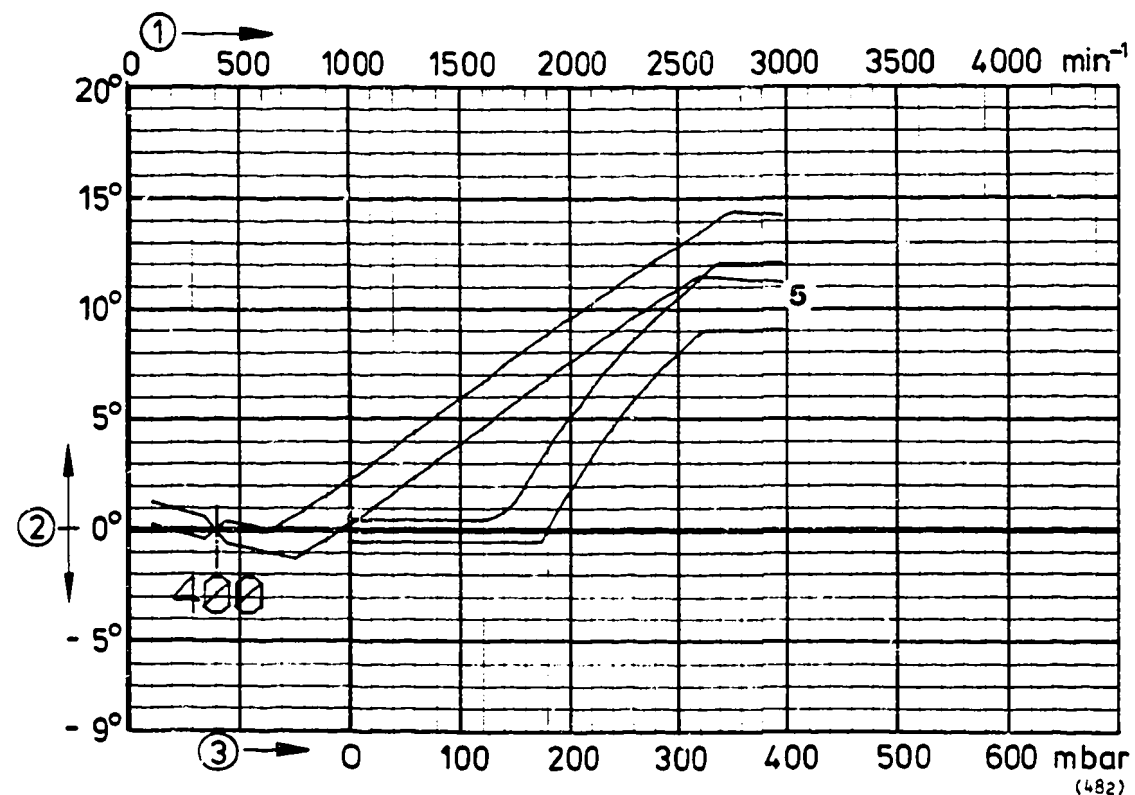


0 237 601 004

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

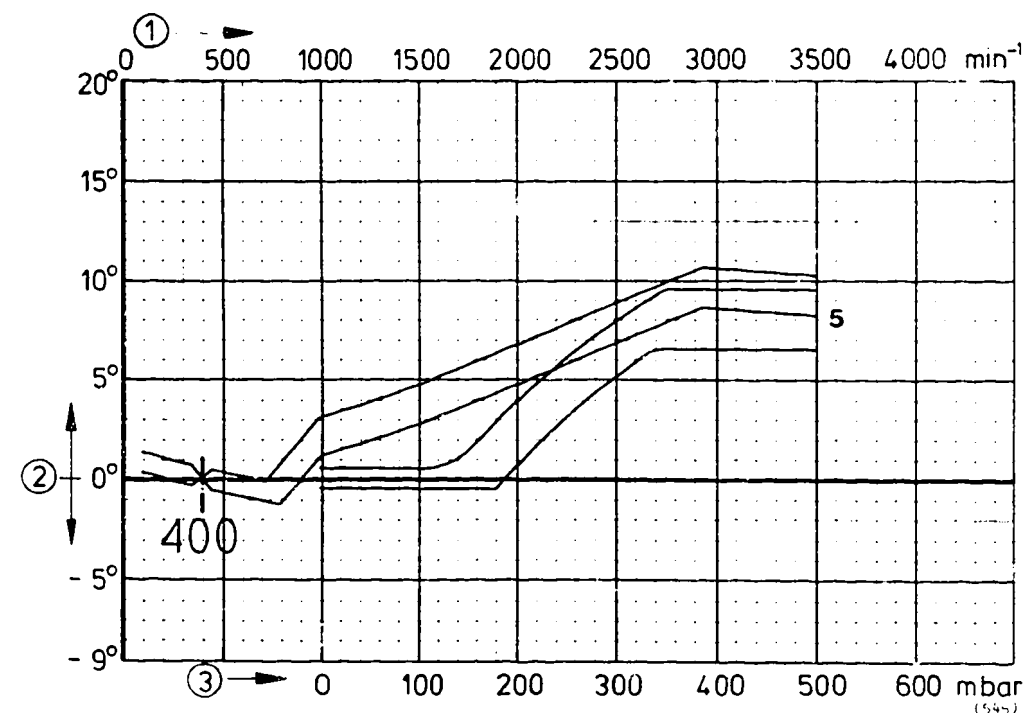


0 237 601 005

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

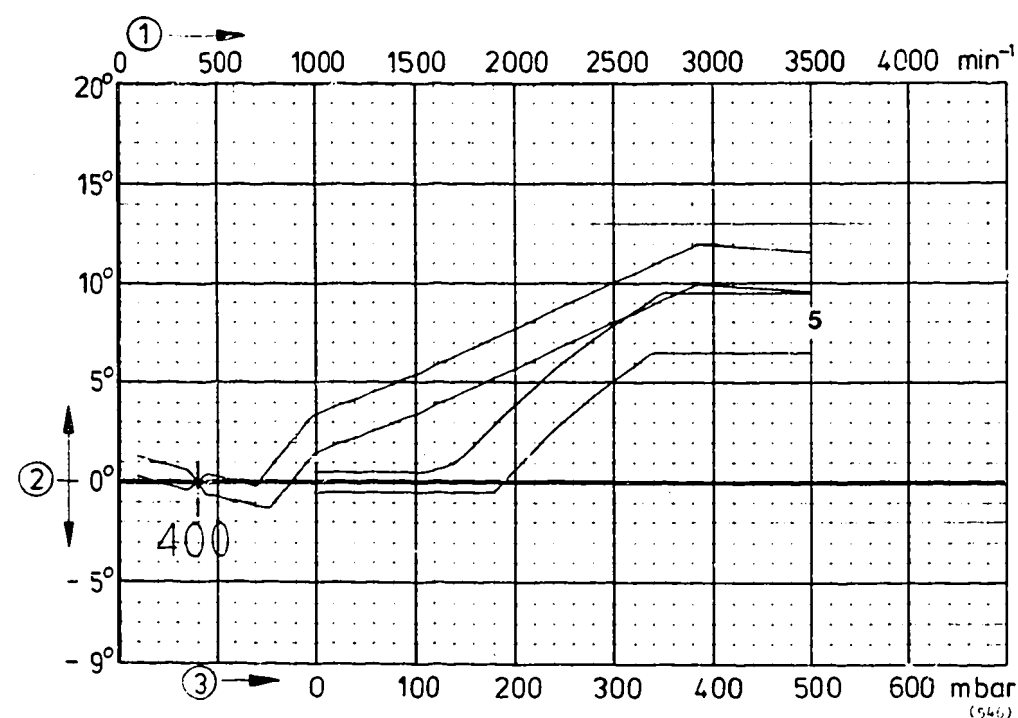


0 237 601 008

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	900...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Date of manufacture	-> 549

Repair and test instructions W-237/502

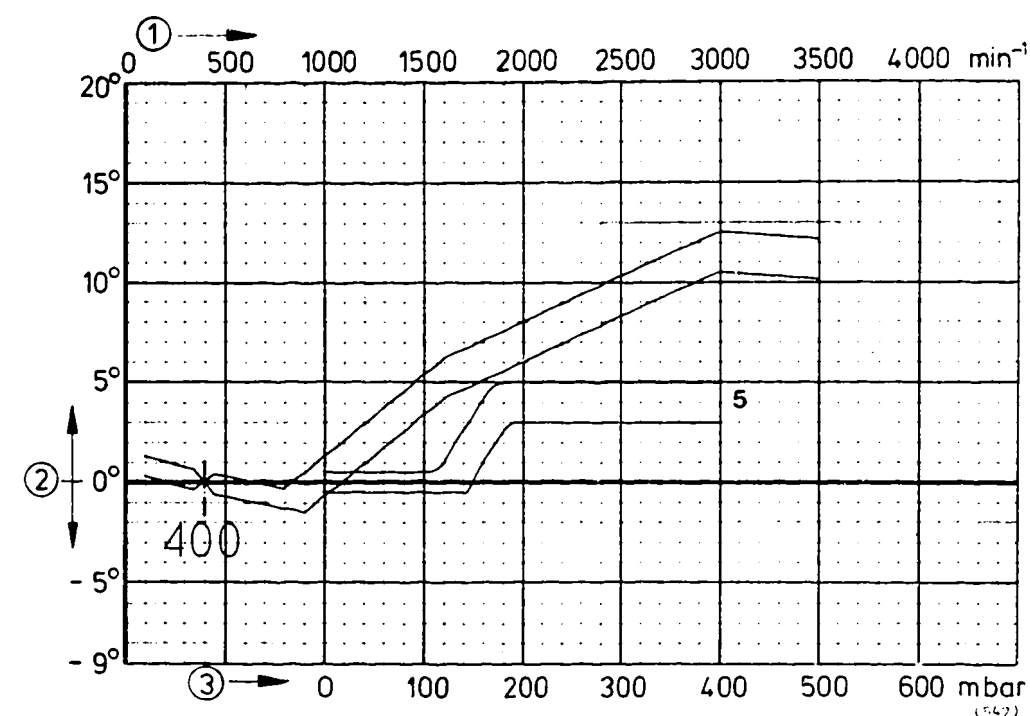


0 237 601 008

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 Ω
Air gap min.	0,25 mm
Tolerance-band allowance	± 0.5° DS
Date of manufacture	550 →

Repair and test instructions W-237/502

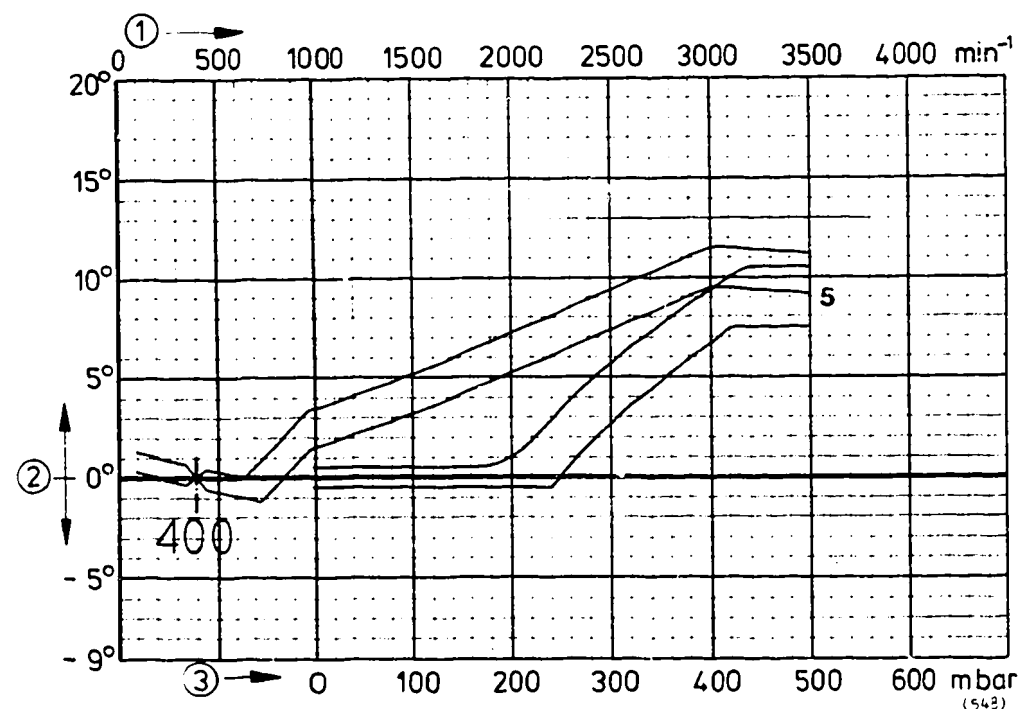


0 237 601 009

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 Ω
Air gap min.	0,25 mm
Tolerance-band allowance	± 0.5° DS

Repair and test instructions W-237/502

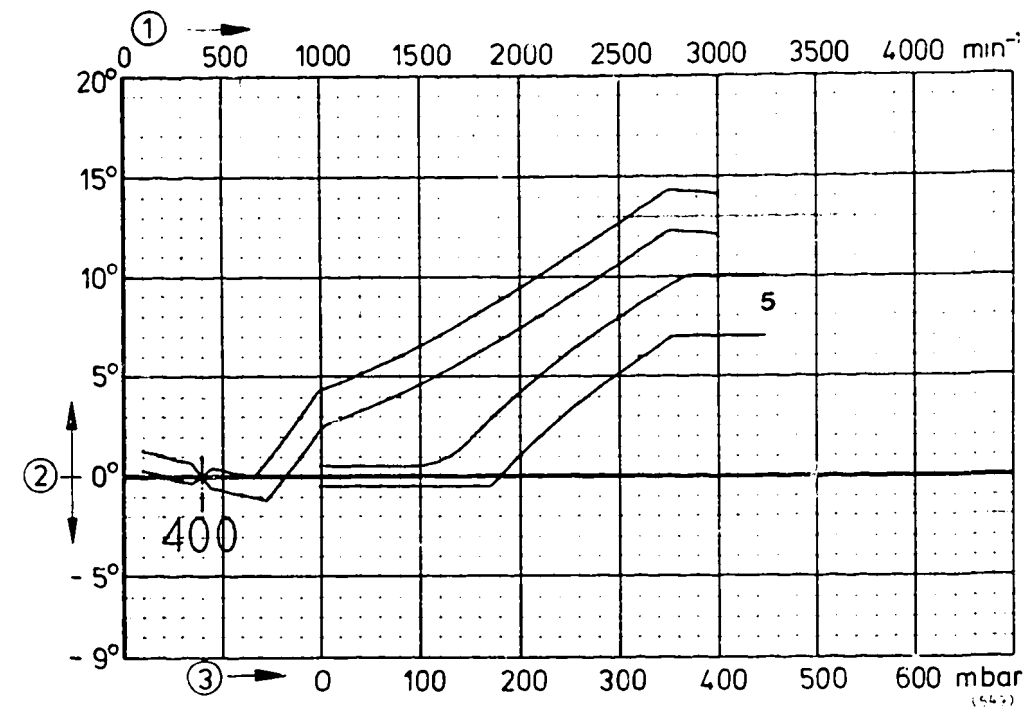


0 237 601 010

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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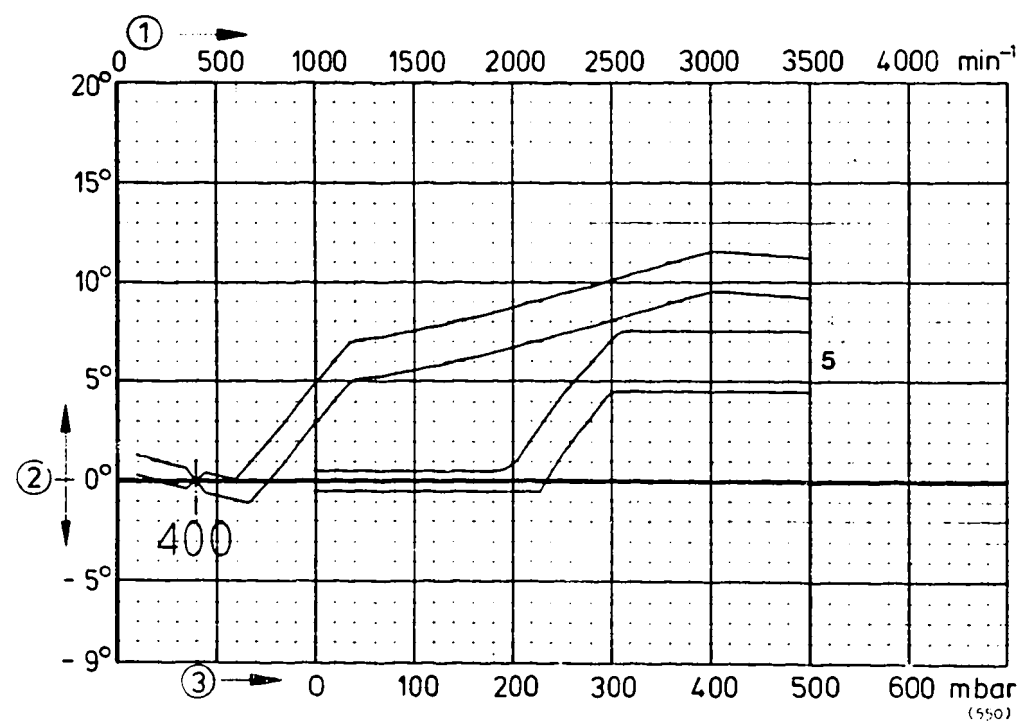


0 237 601 011

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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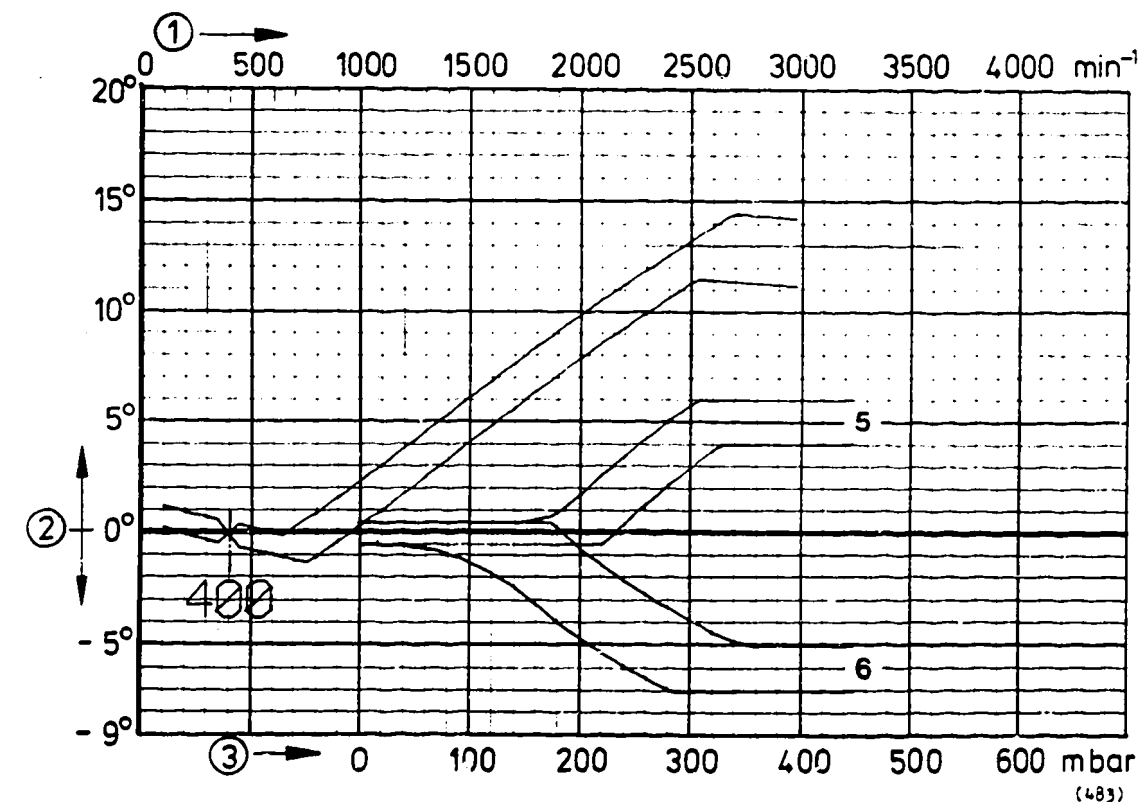


0 237 601 012

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^{\circ}$ DS

Repair and test instructions W-237/502

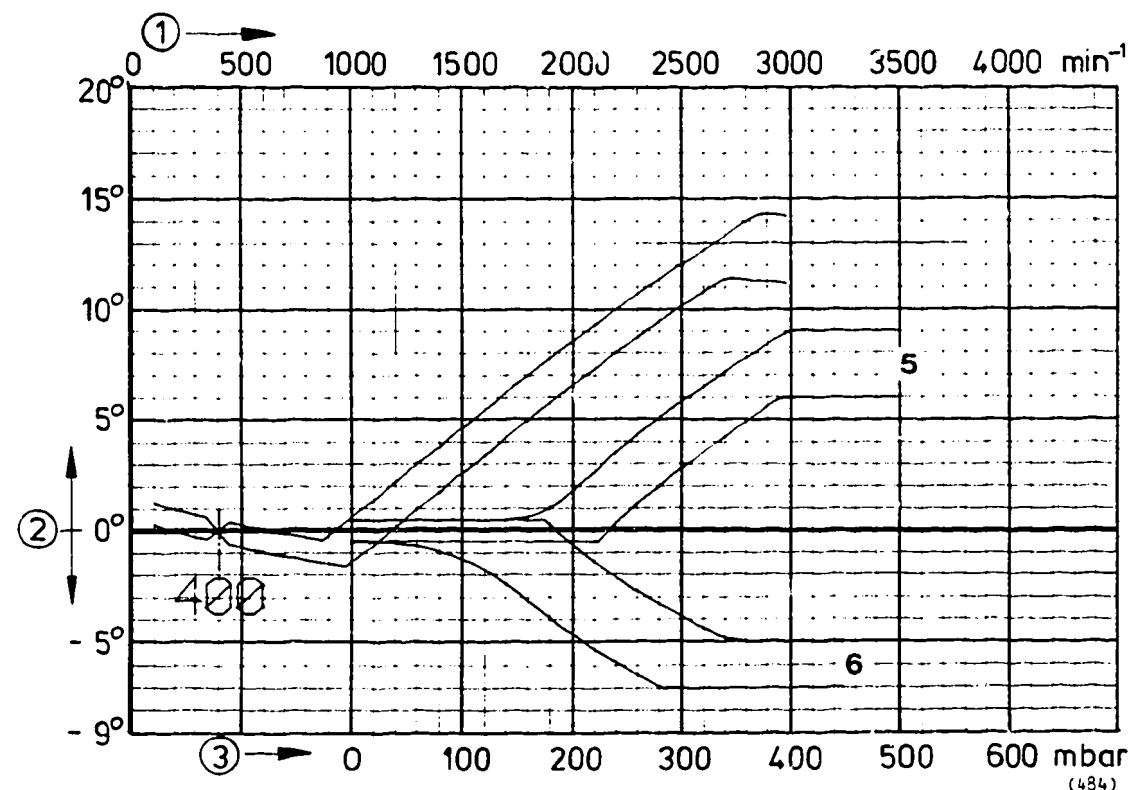


0 237 601 051

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^{\circ}$ DS

Repair and test instructions W-237/502

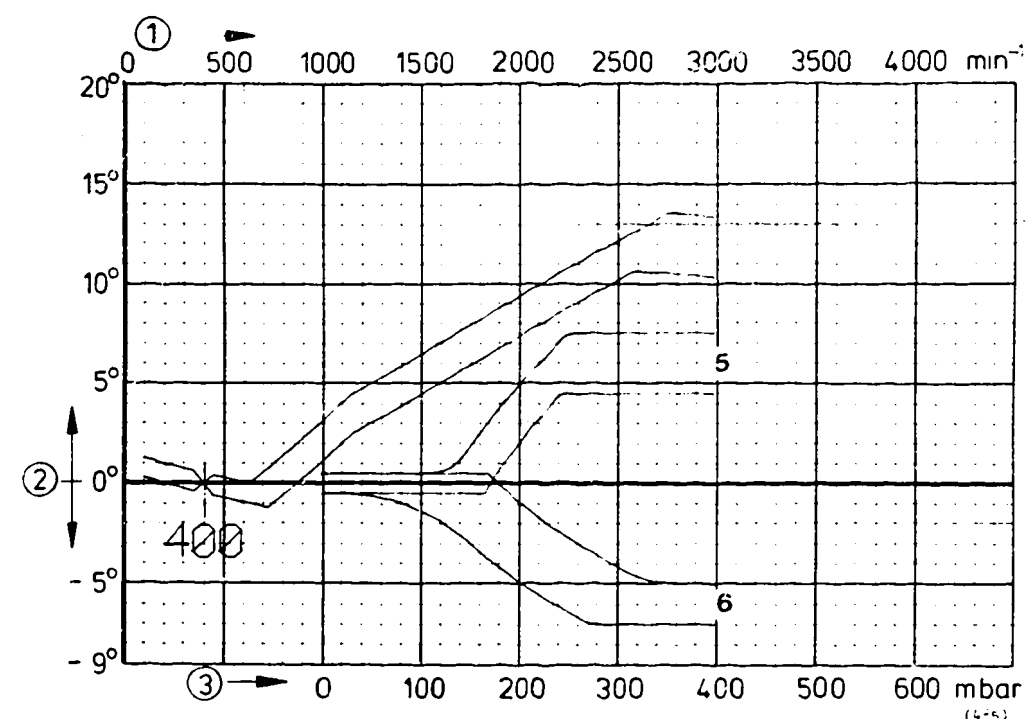


0 237 601 052

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

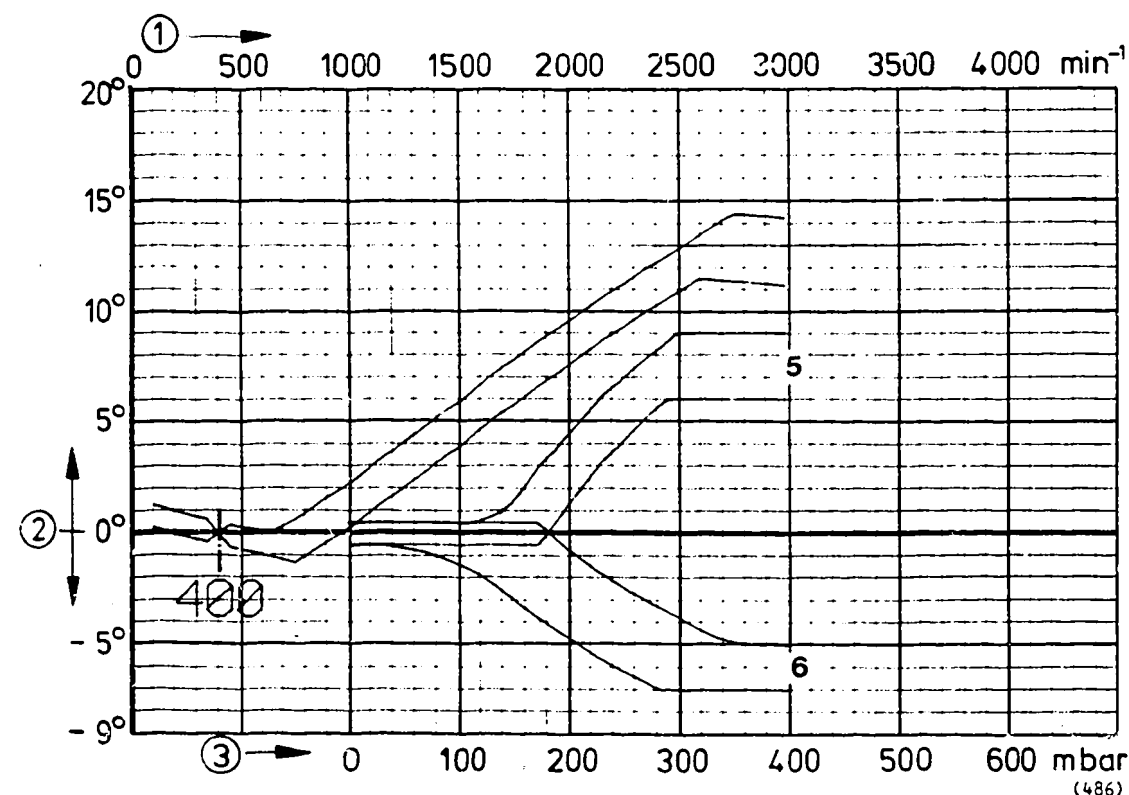


0 237 601 053

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

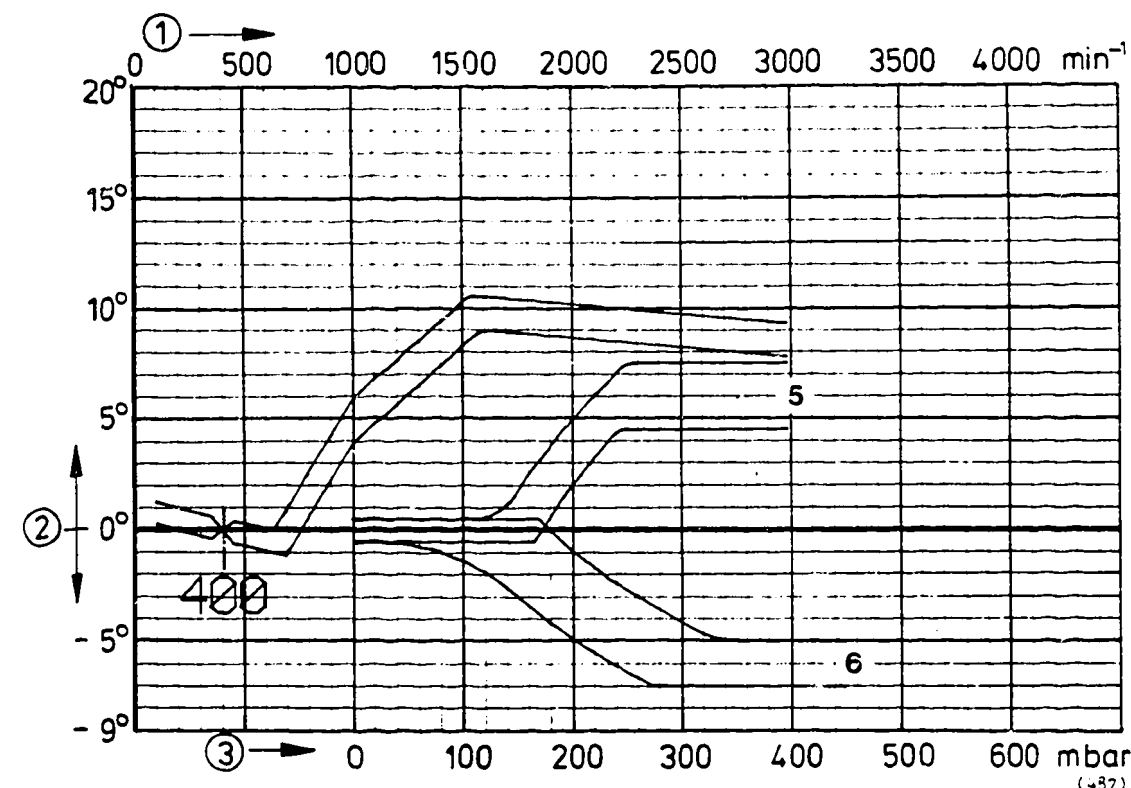


0 237 601 054

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



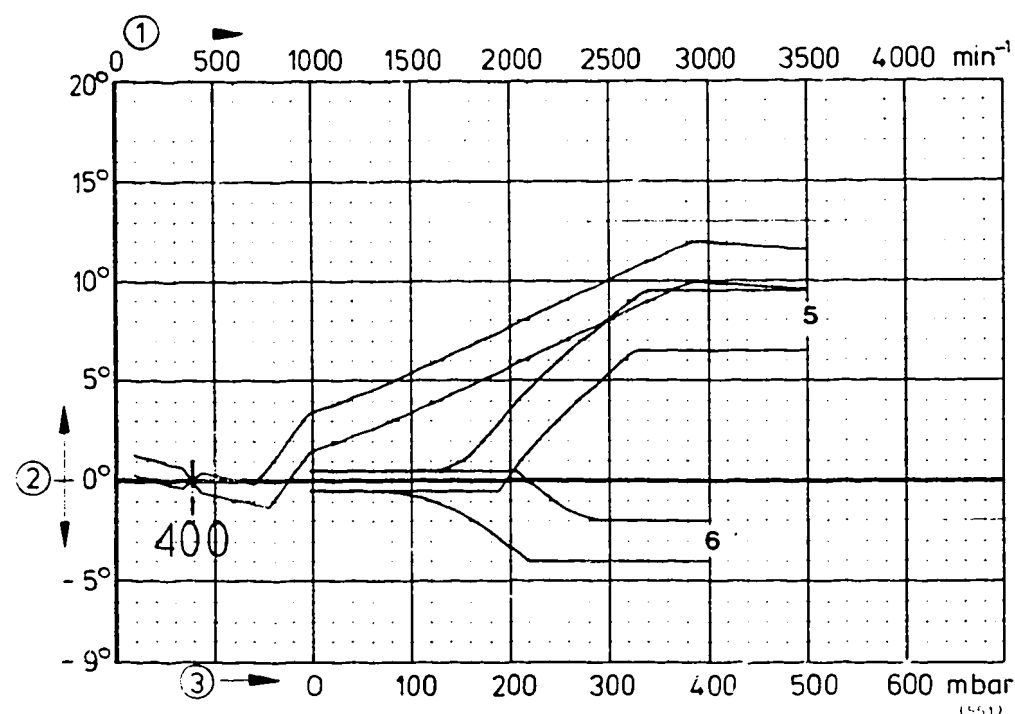
0 237 601 055

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed of limiter 3190 up to 3380 min<sup>-1</sup>

Repair and test instructions W-237/502



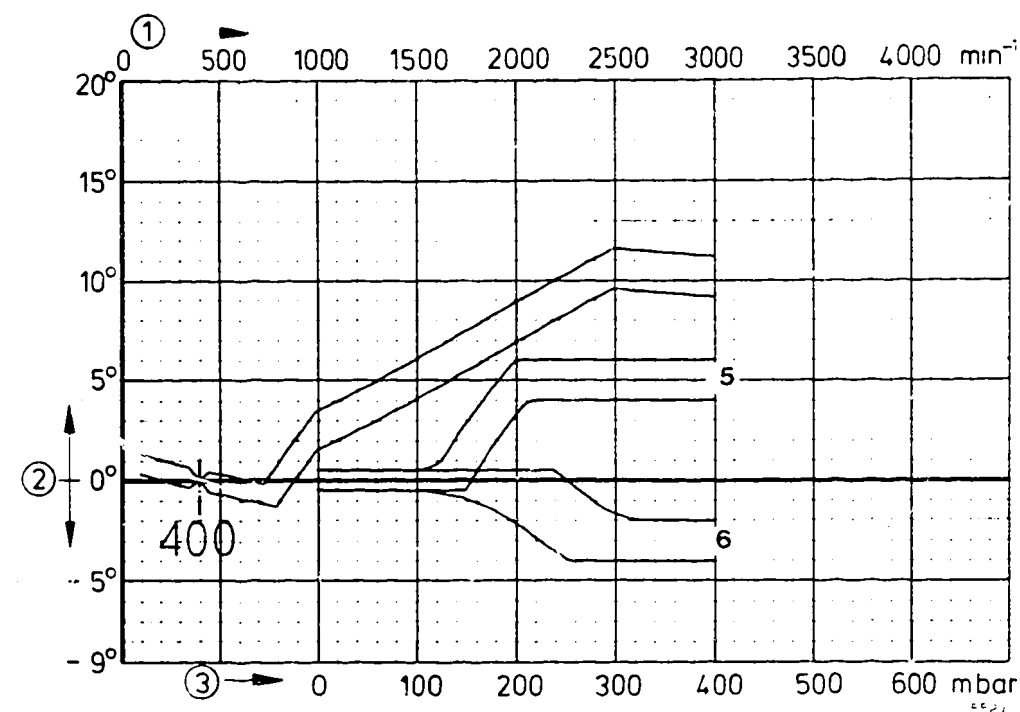


0 237 601 056

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 900...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

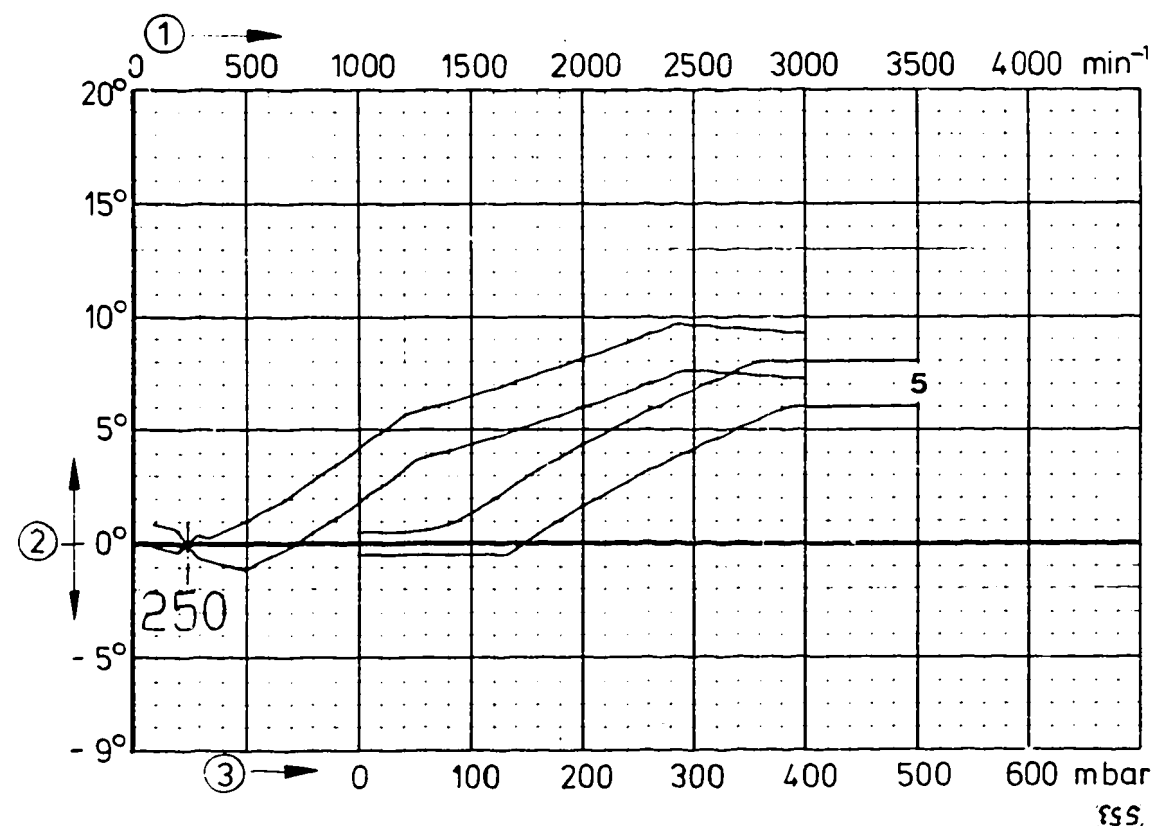


0 237 601 057

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



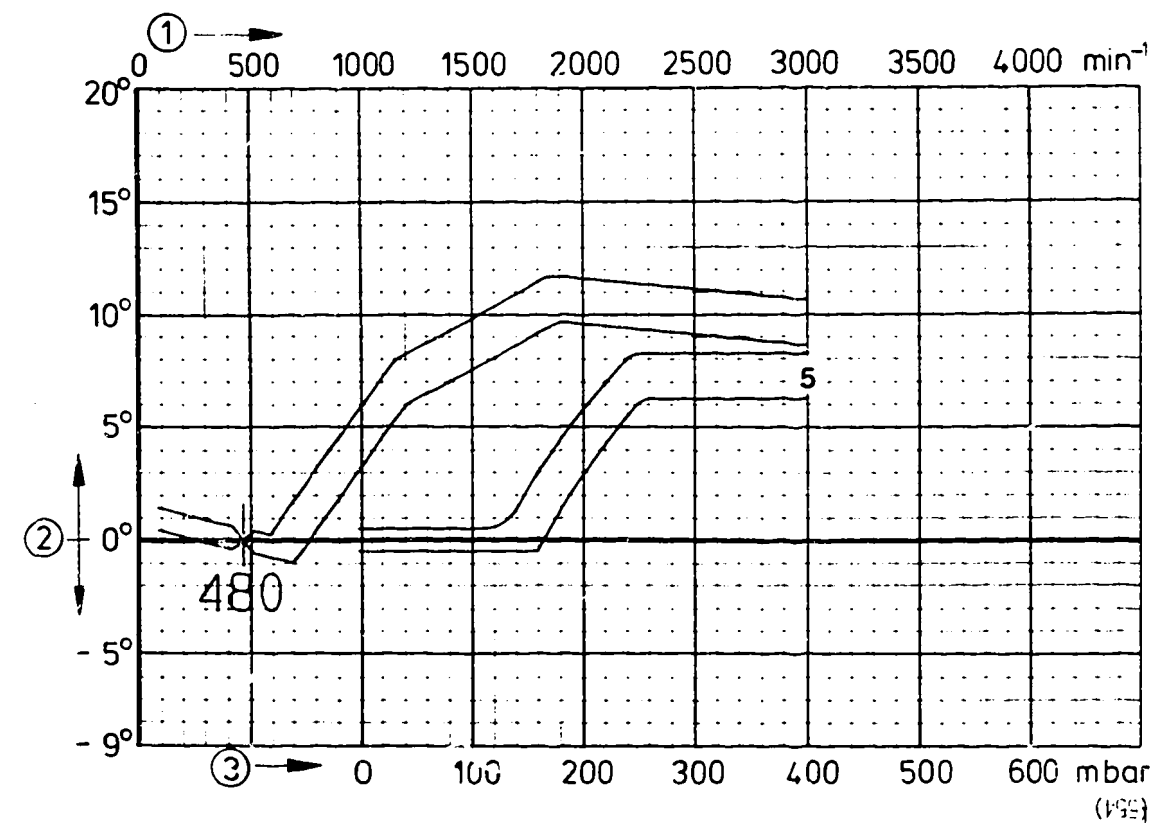
0 237 002 109

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 Ω
Air gap min.	0,25 mm
Tolerance-band allowance	± 0.5° DS

Repair and test instructions	W-237/502
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Clamping flange	1 685 700 135
Driver	1 686 490 037

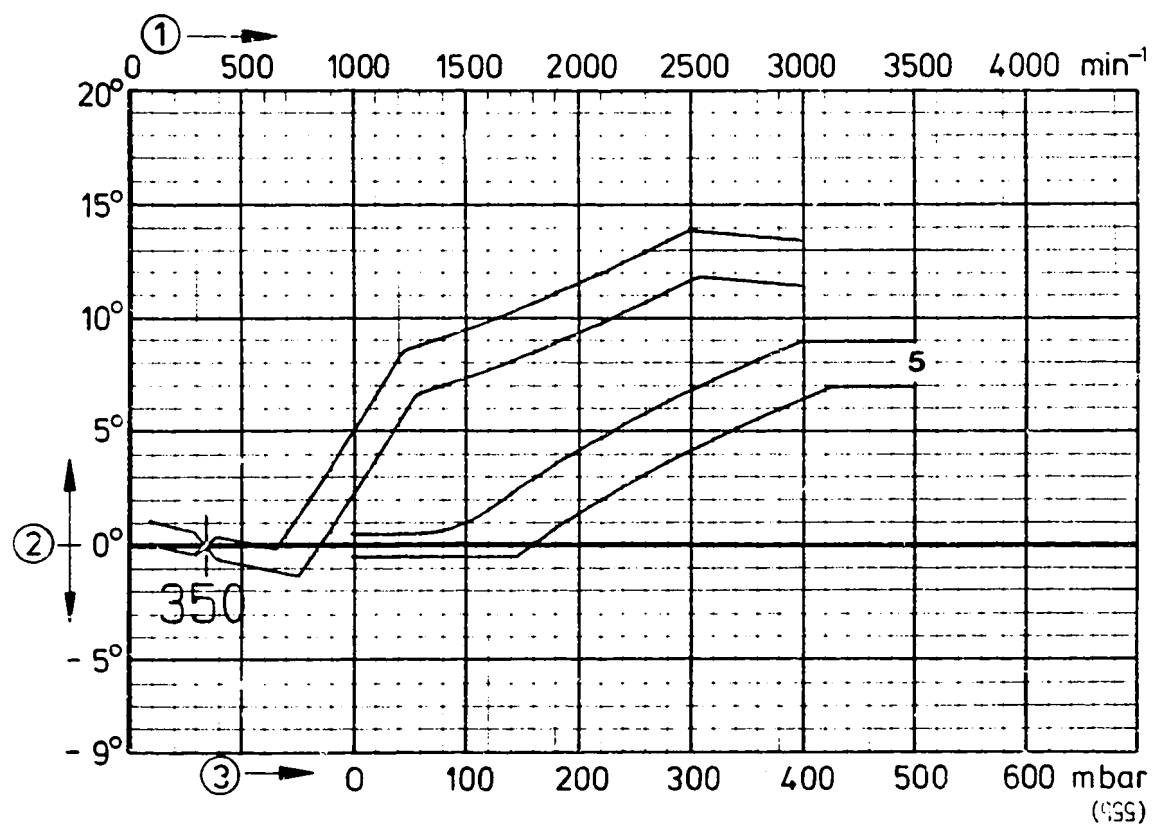


0 237 002 116

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	505...680 Ω
Air gap min.	0,25 mm
Tolerance-band allowance	± 0.5° DS

Repair and test instructions	W-237/502
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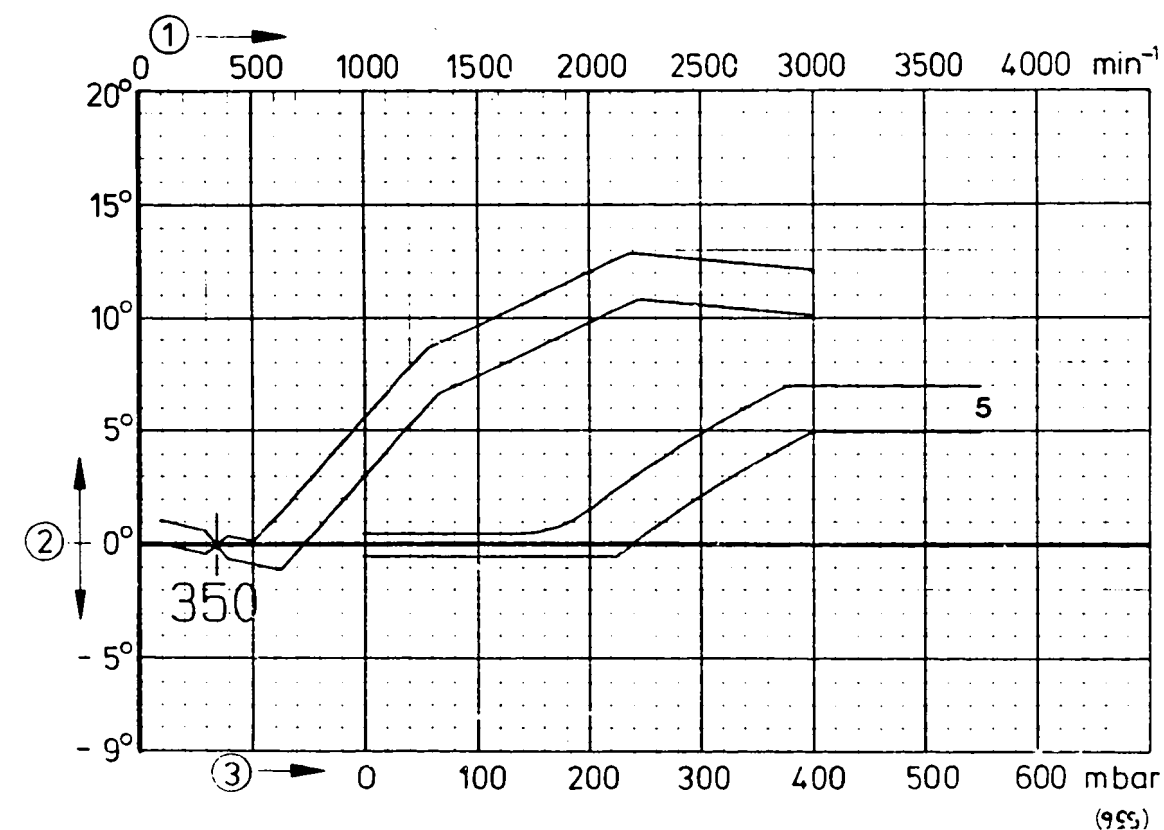


0 237 002 121

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

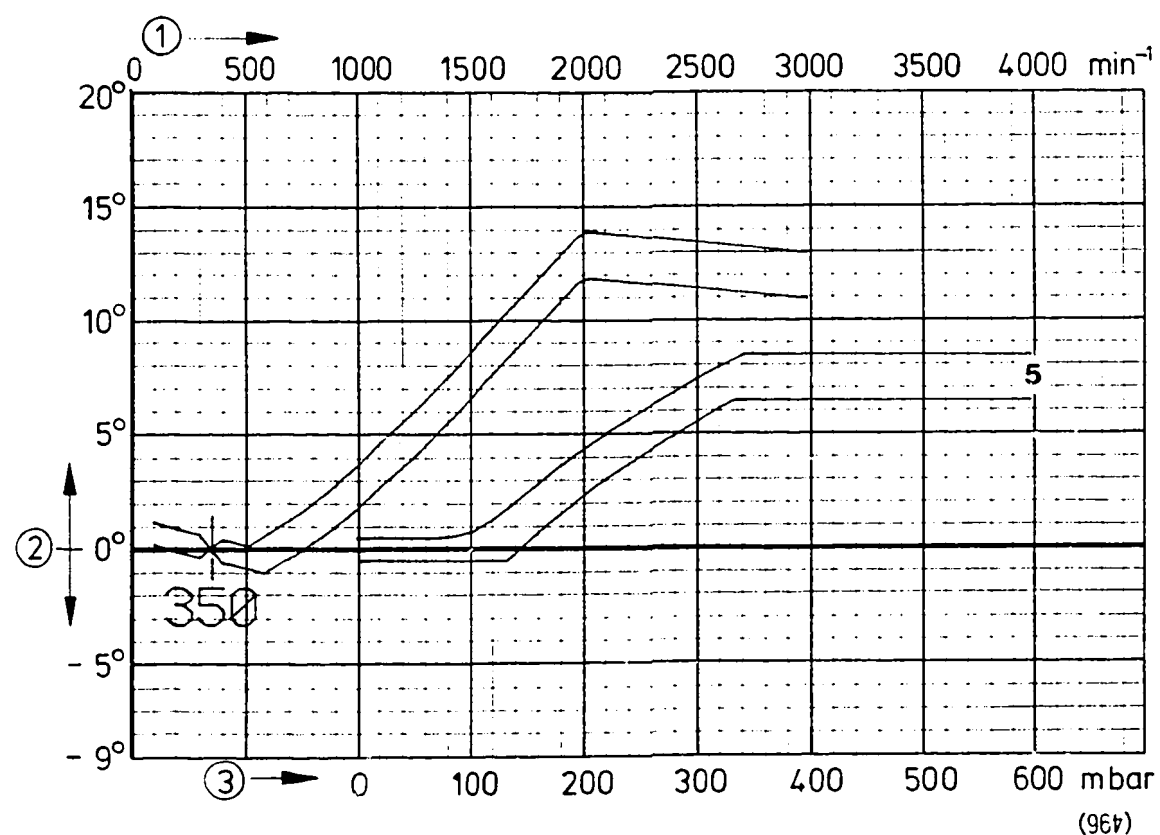


0 237 002 123

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

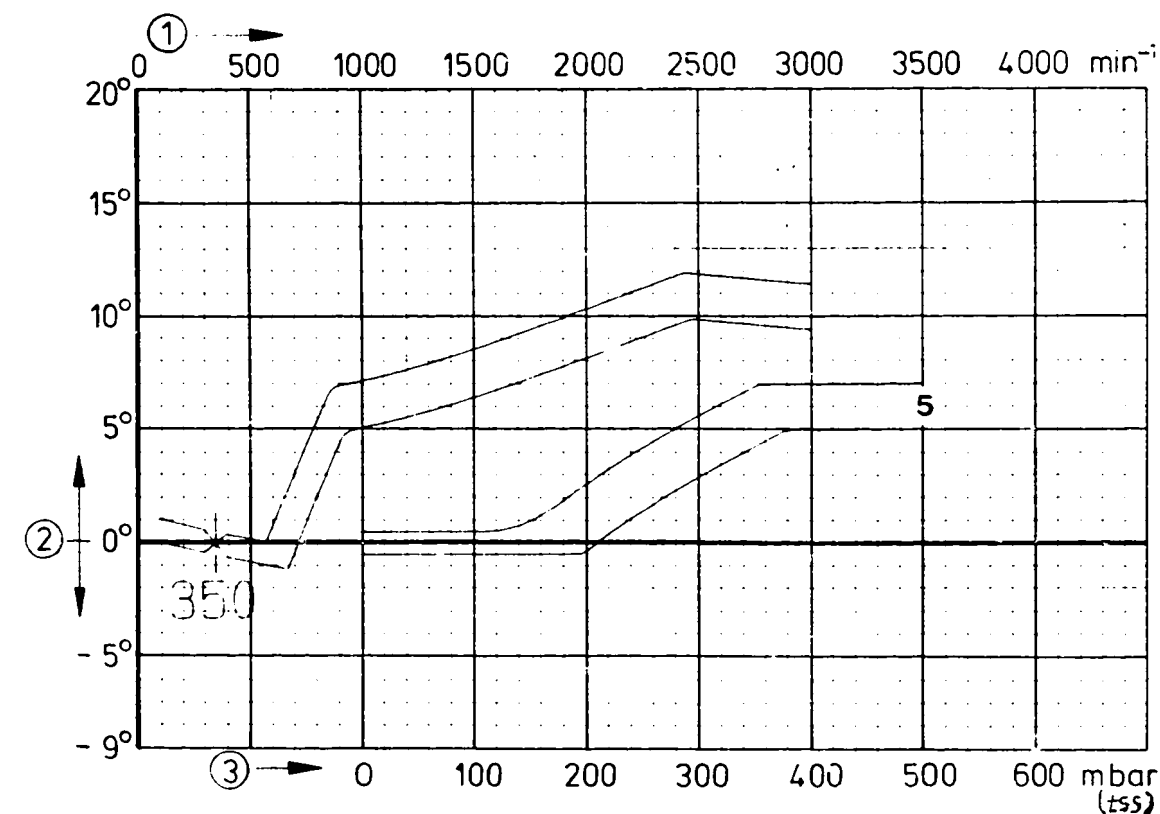


0 237 002 124 / 125

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 505...680  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

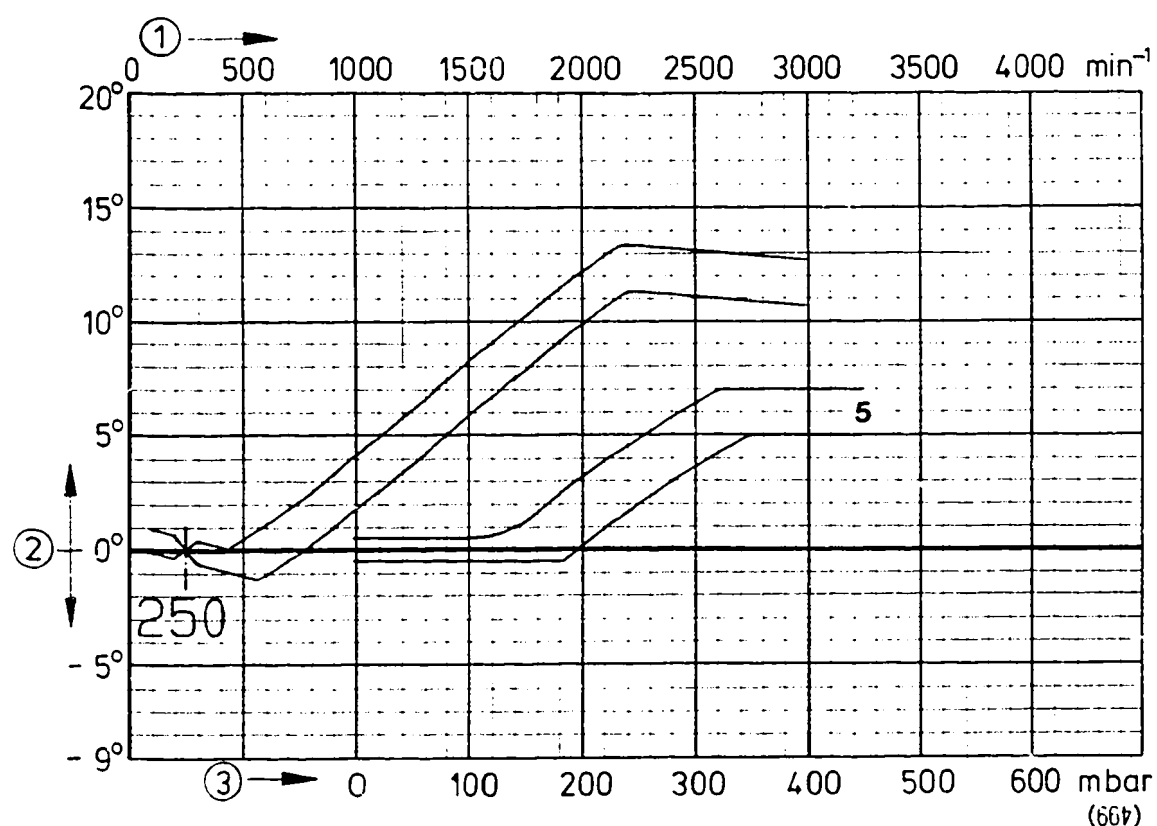


0 237 002 126

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 255...470  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



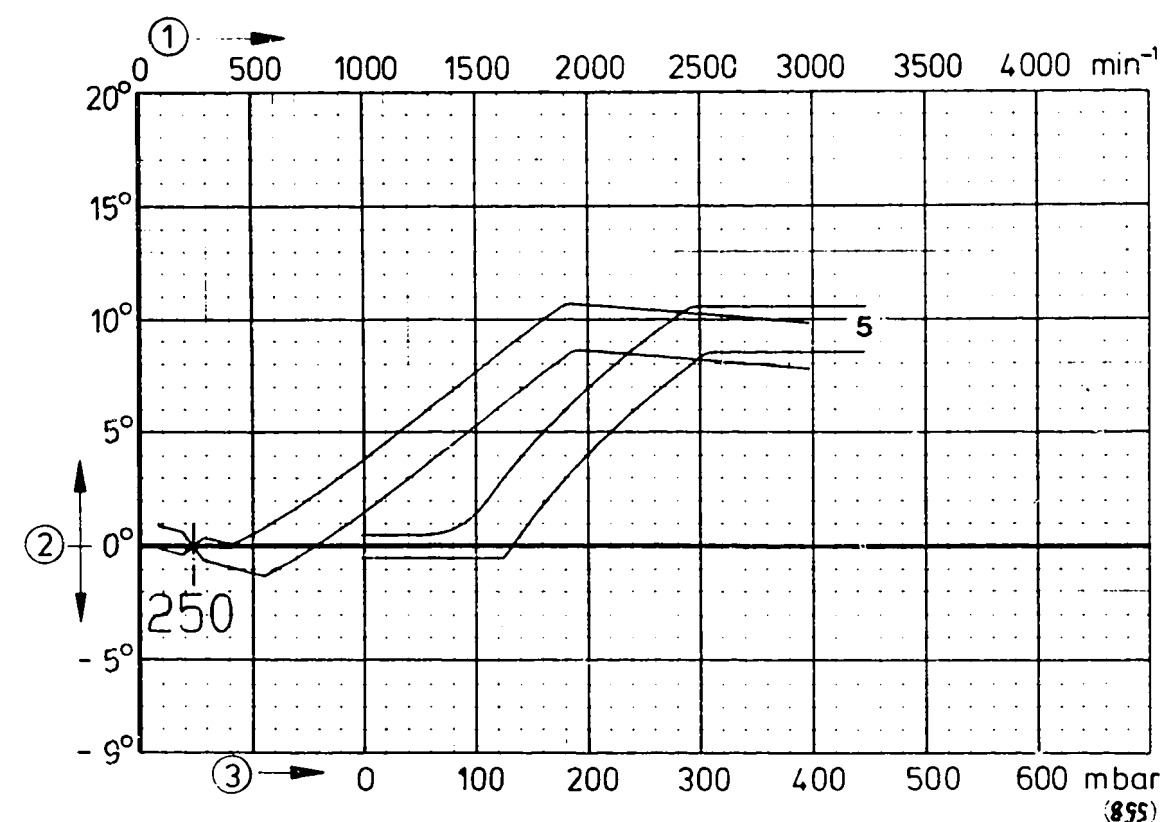
0 237 002 128

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

Clamping flange 1 685 700 135  
 Driver 1 686 490 037



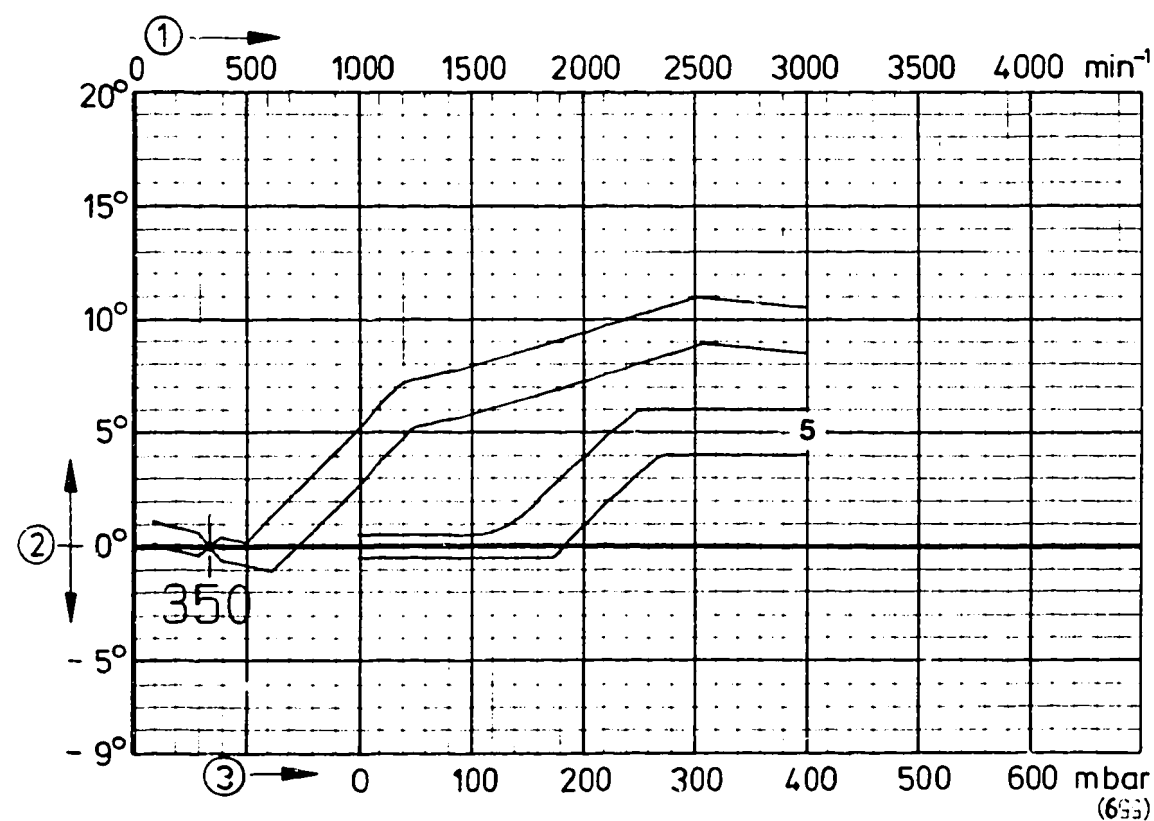
0 237 002 129

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

Clamping flange 1 685 700 135  
 Driver 1 686 490 037

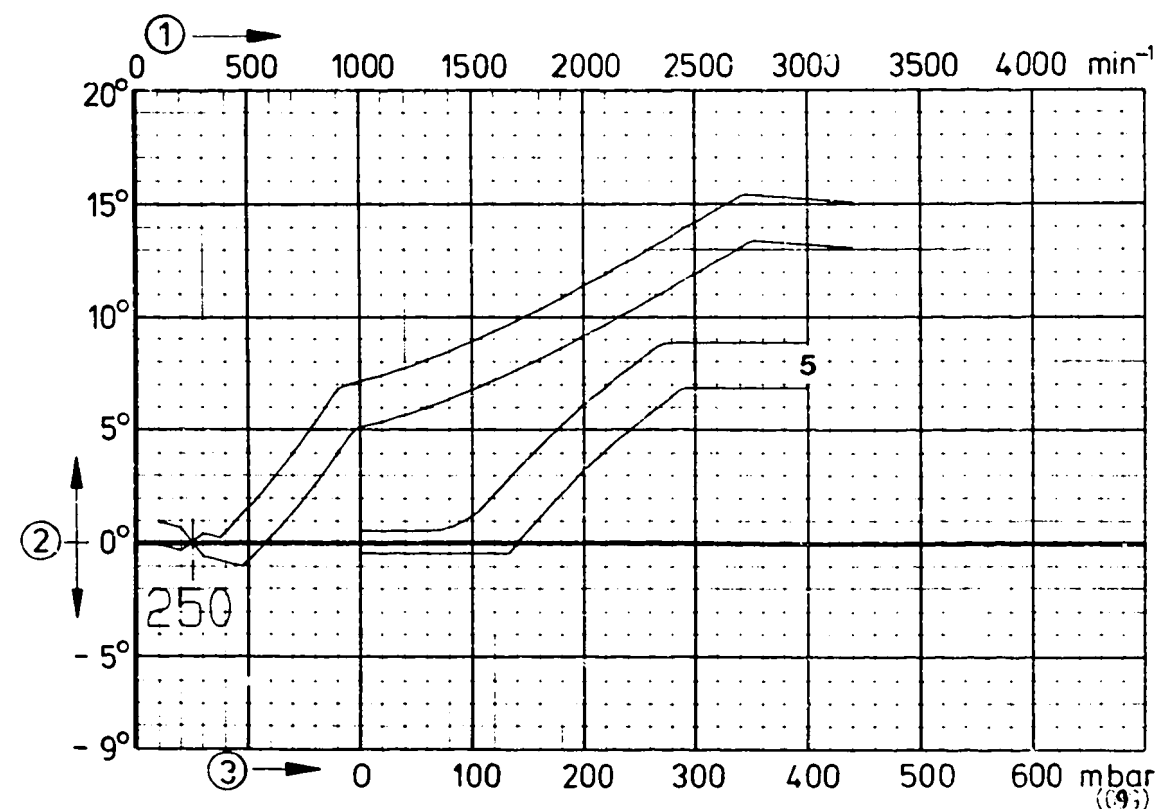


0 237 002 130

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test  
 instructions W-237/502

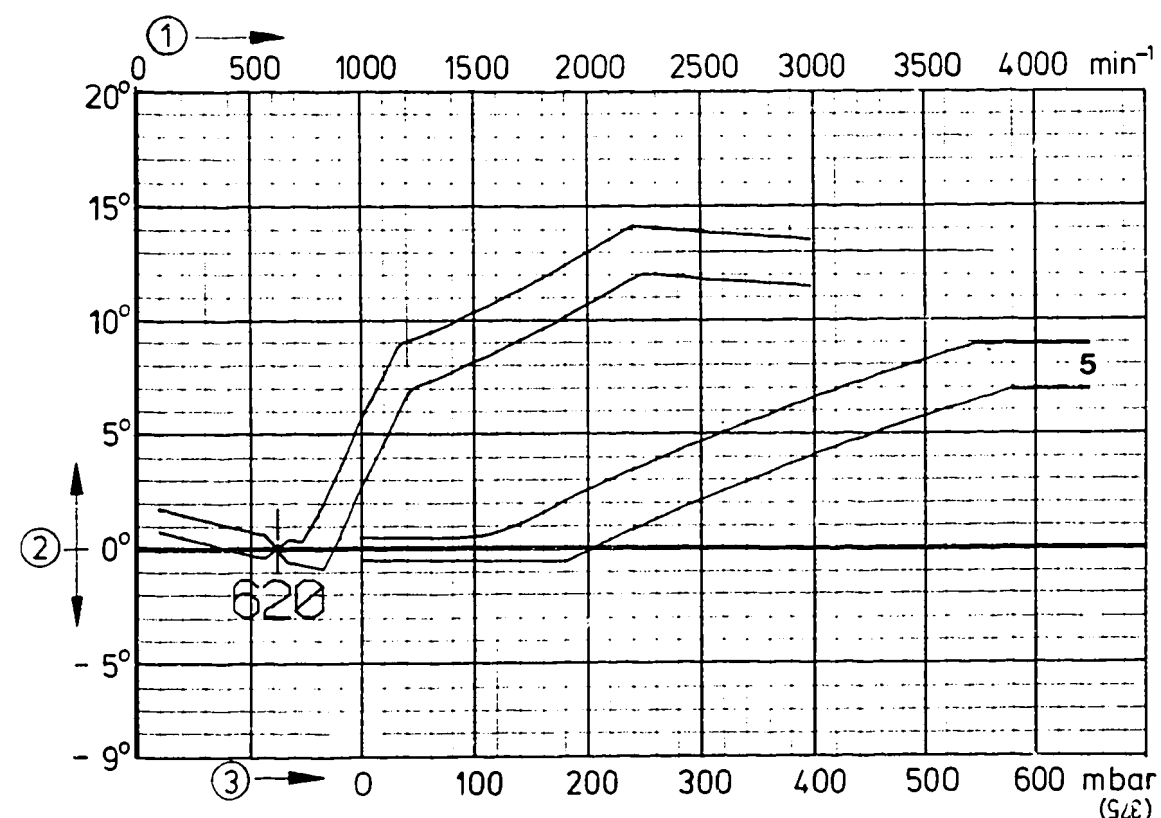


0 237 002 133

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test  
 instructions W-237/502

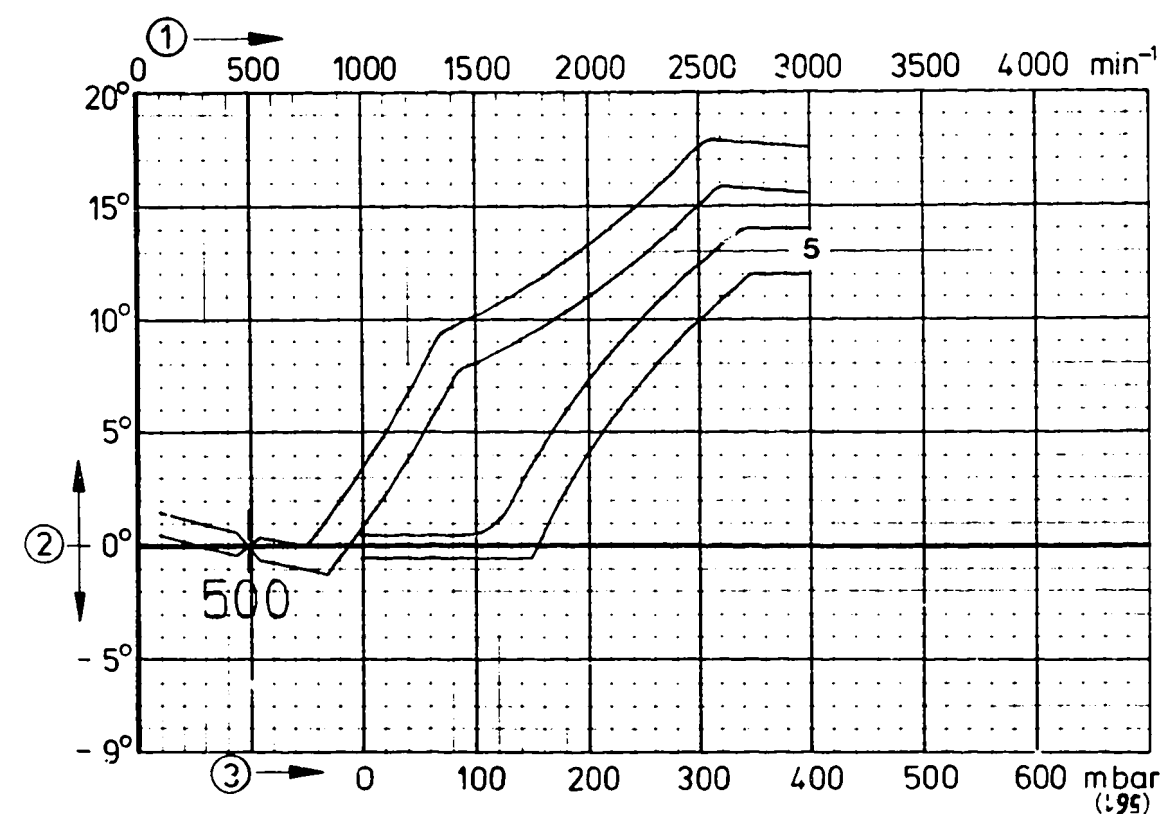


0 237 009 032

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

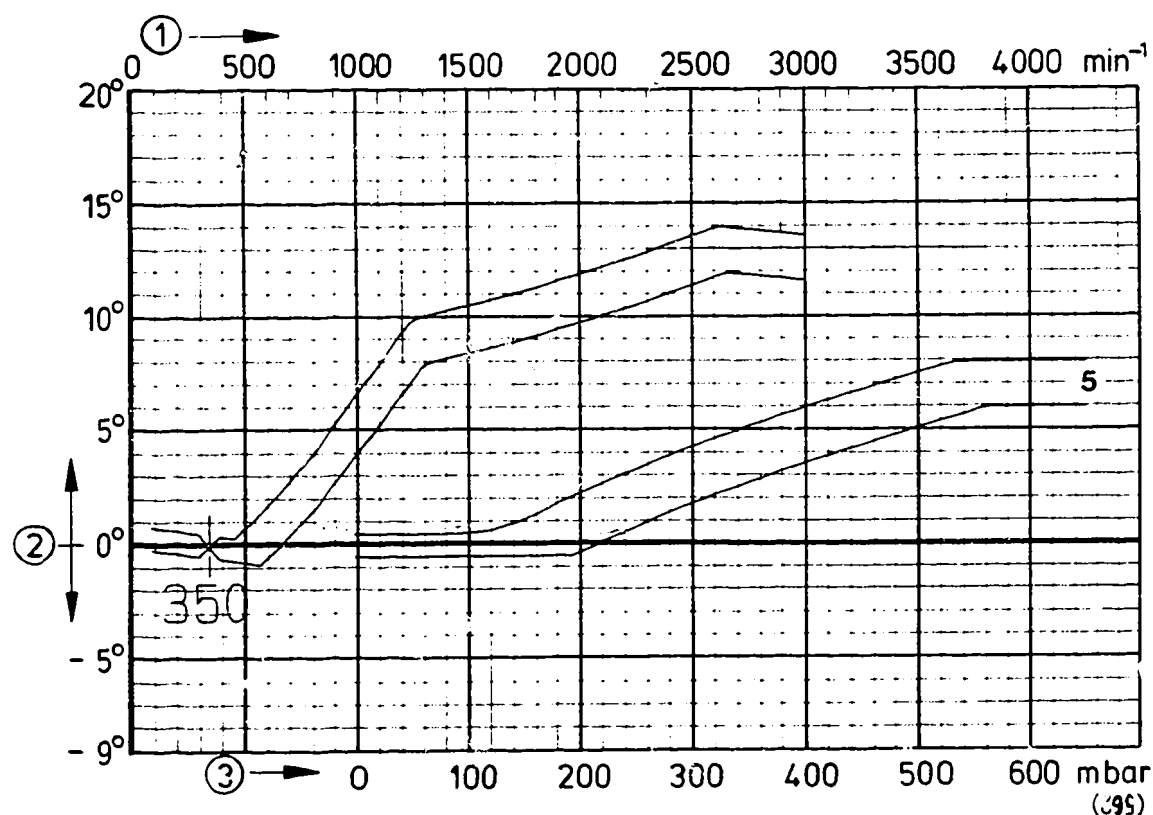


0 237 009 035

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 920...1200  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

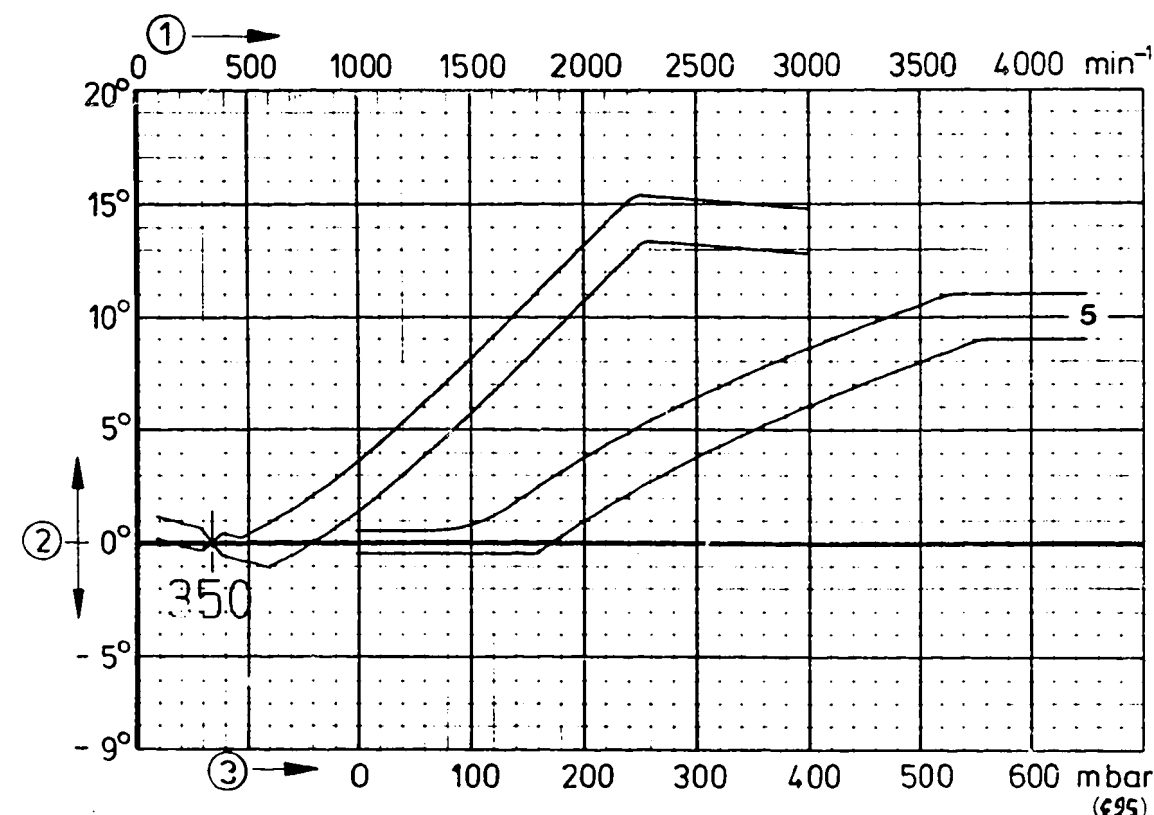


0 237 009 049

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502



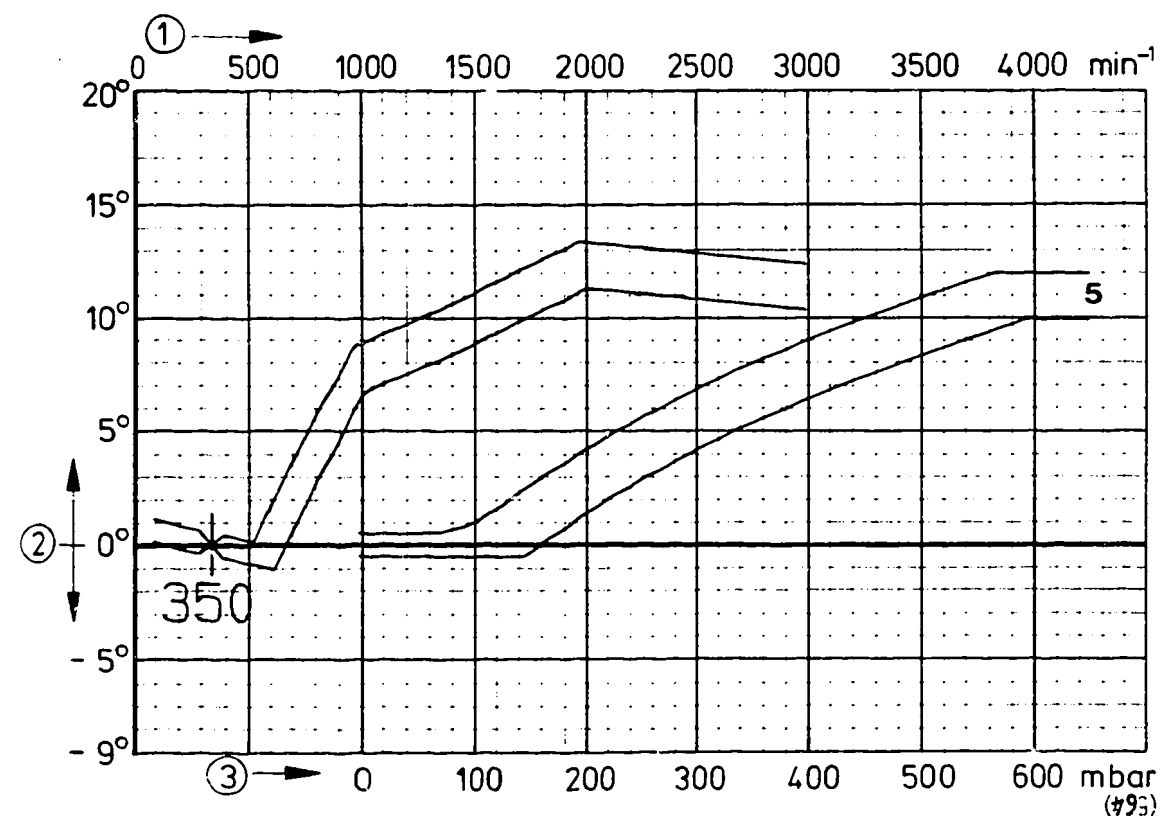
0 237 009 050

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	950...1300 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502





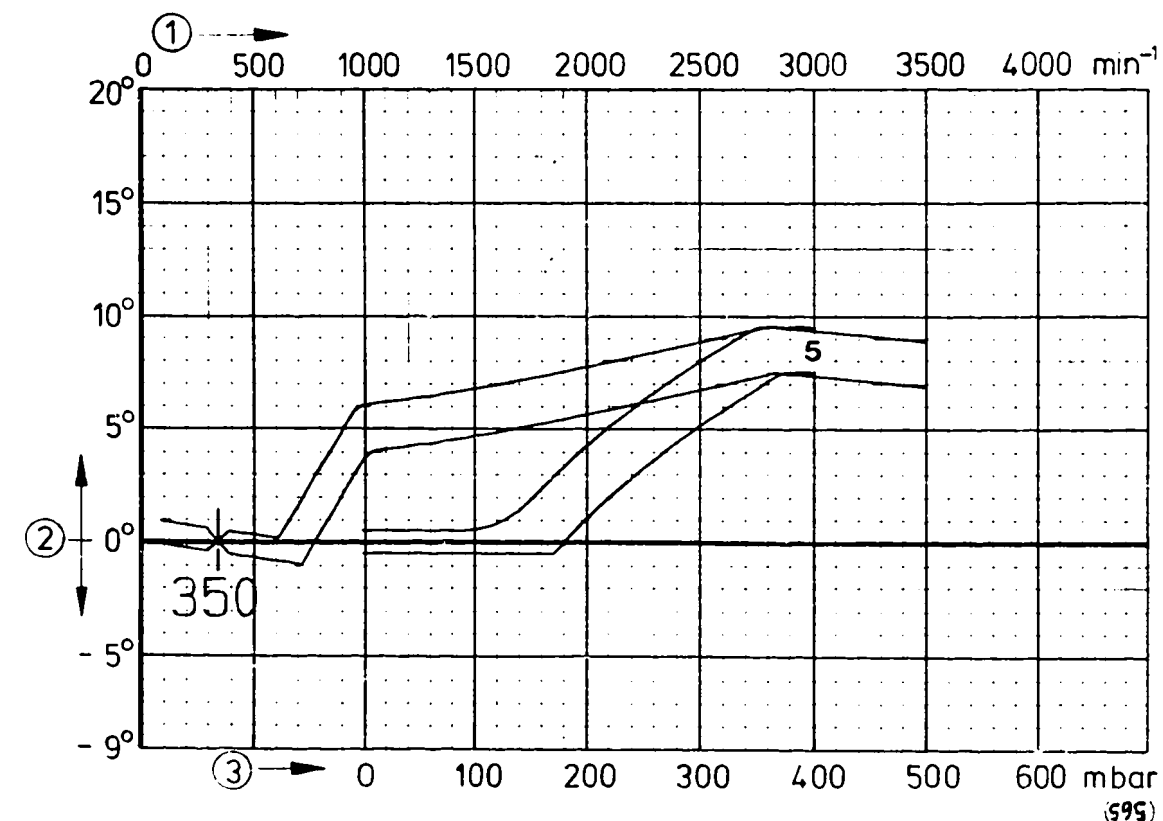
0 237 009 051

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test  
instructions

W-237/502



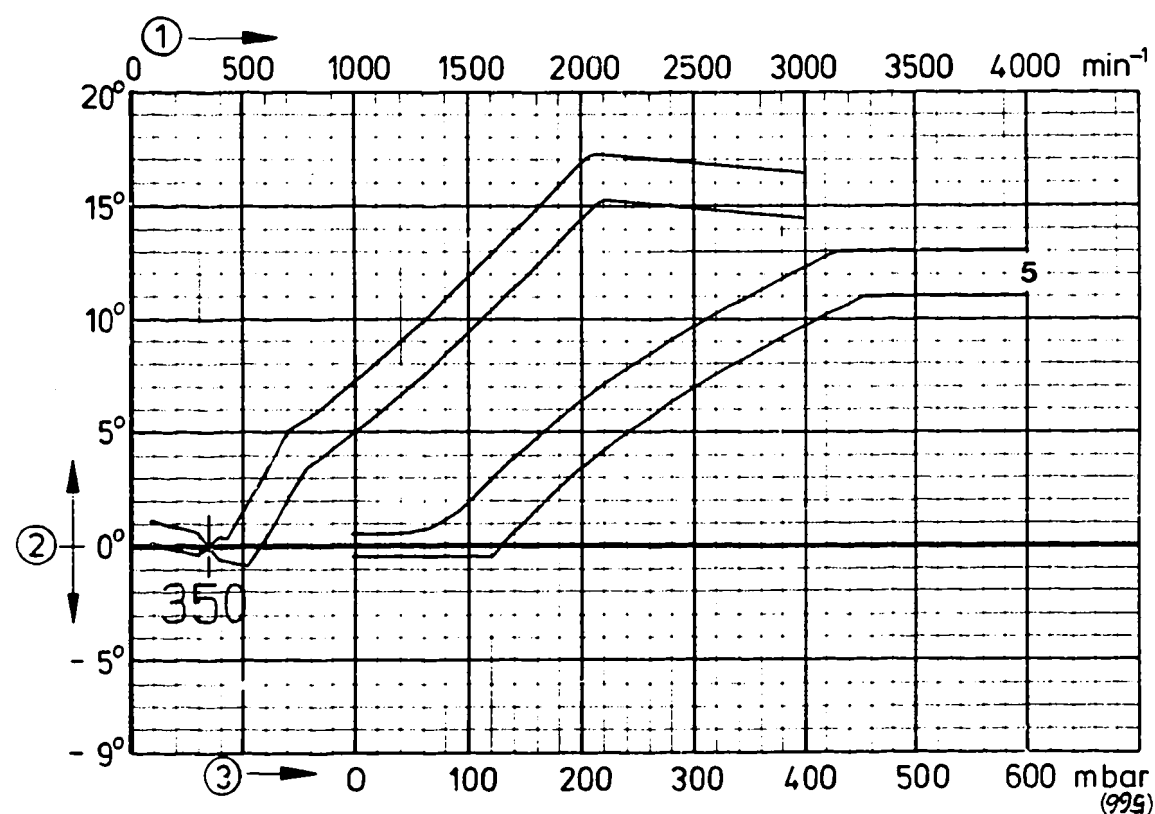
0 237 009 052

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test  
instructions

W-237/502

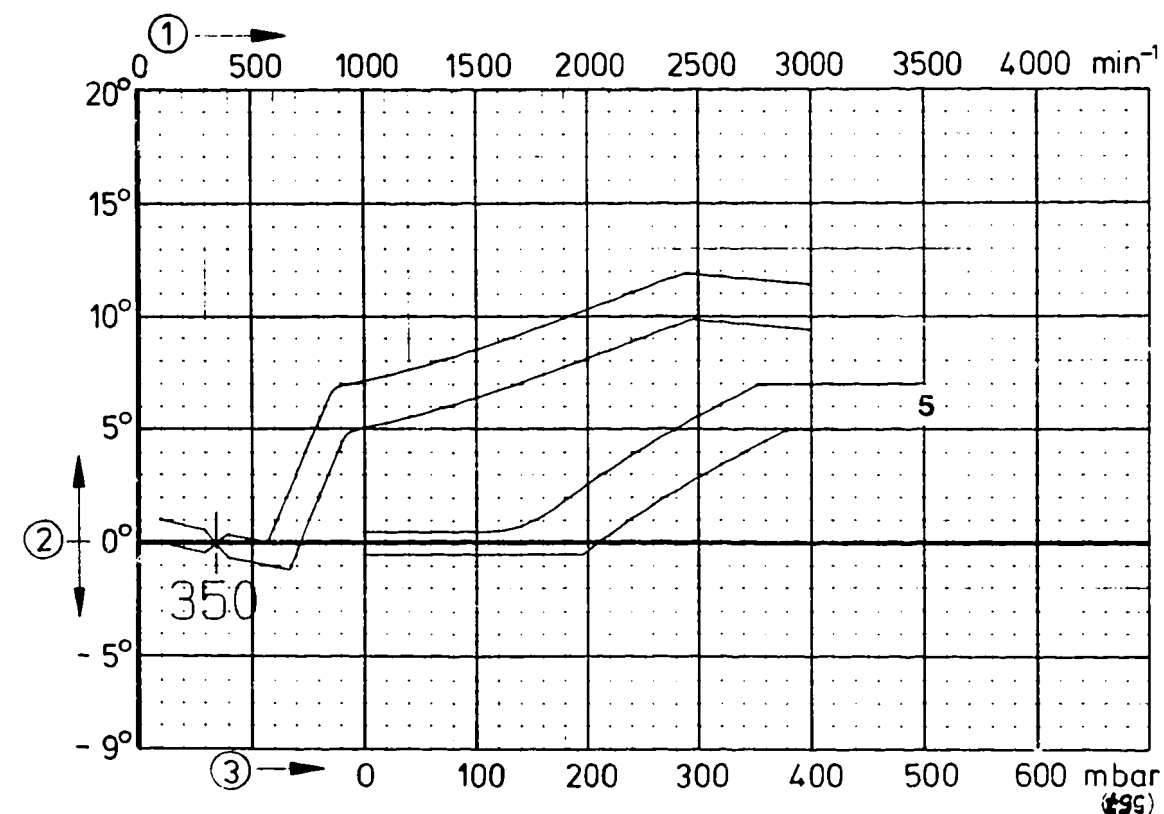


0 237 009 054

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

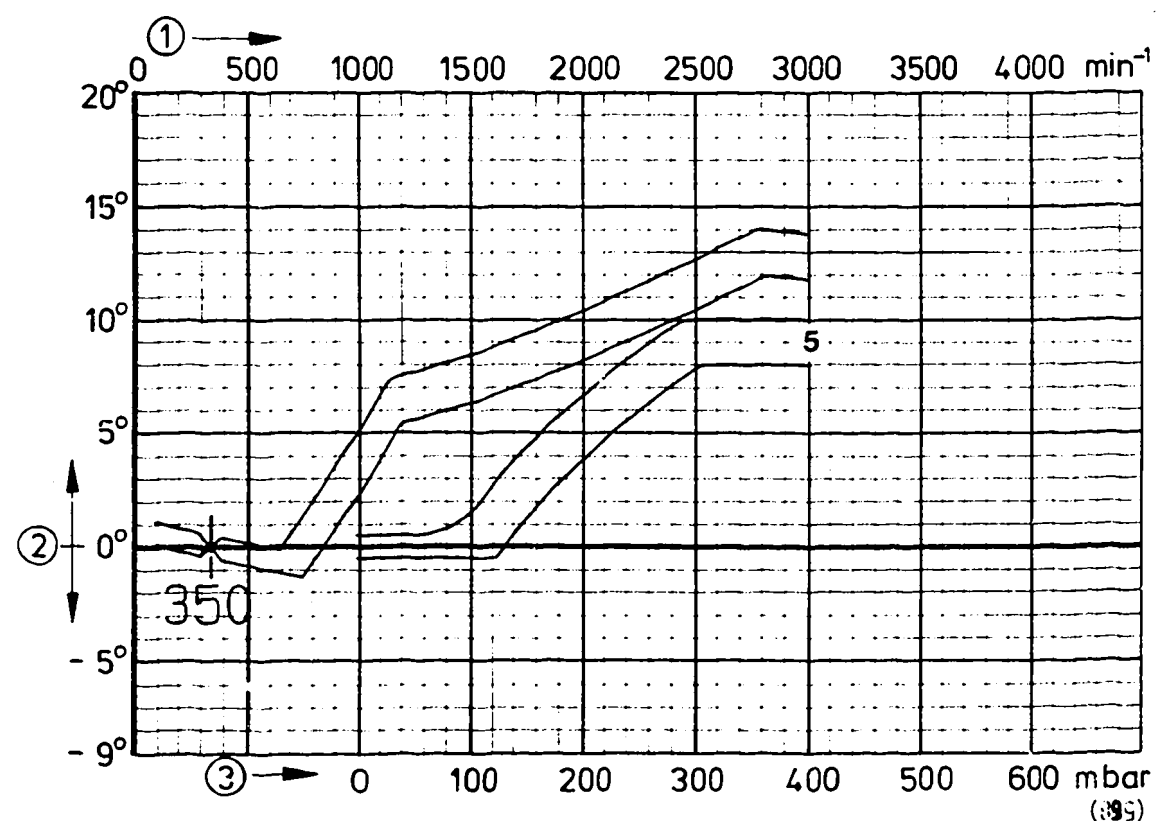


0 237 009 055

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

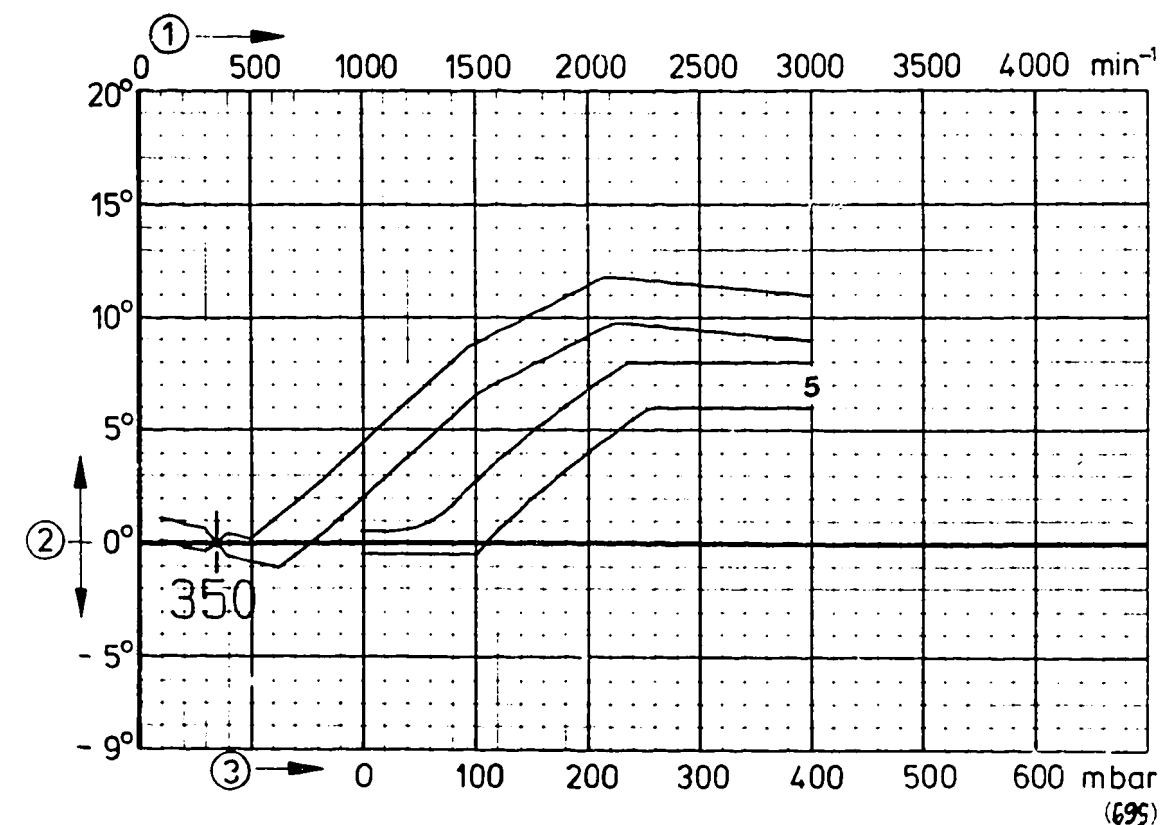


0 237 009 056

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

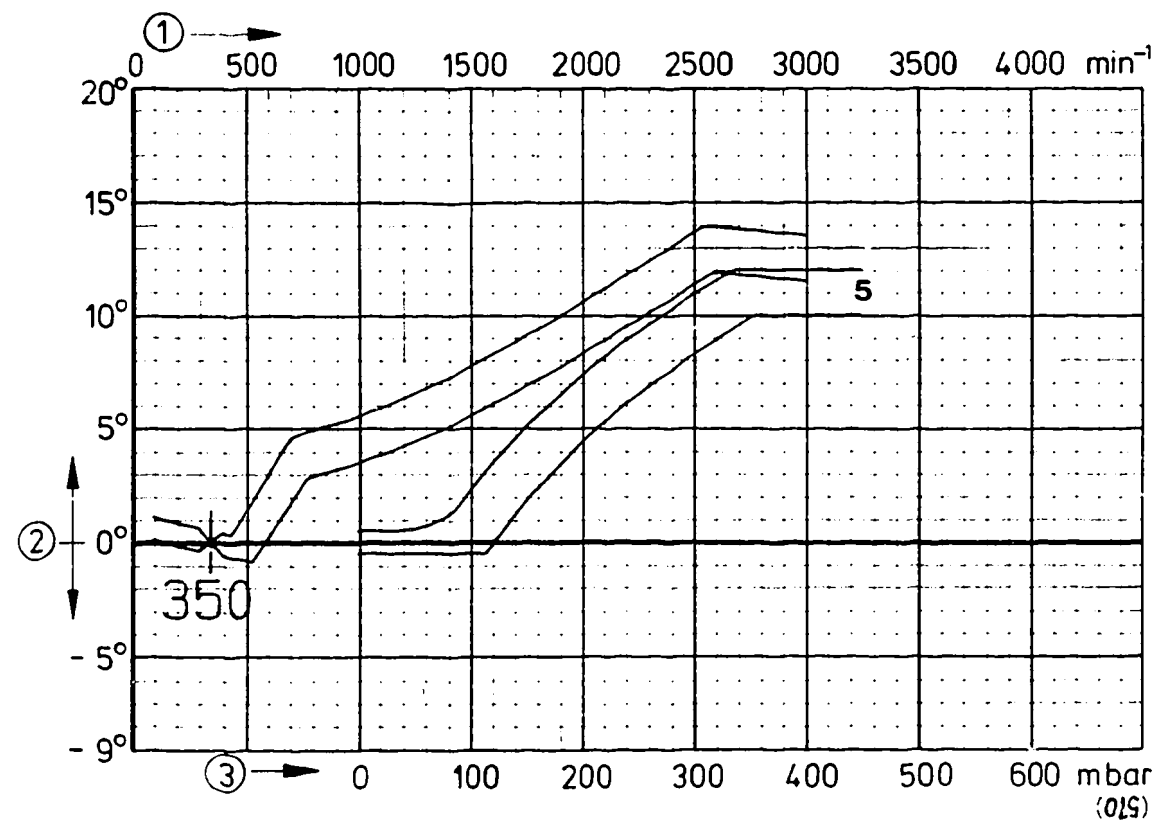


0 237 009 057

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

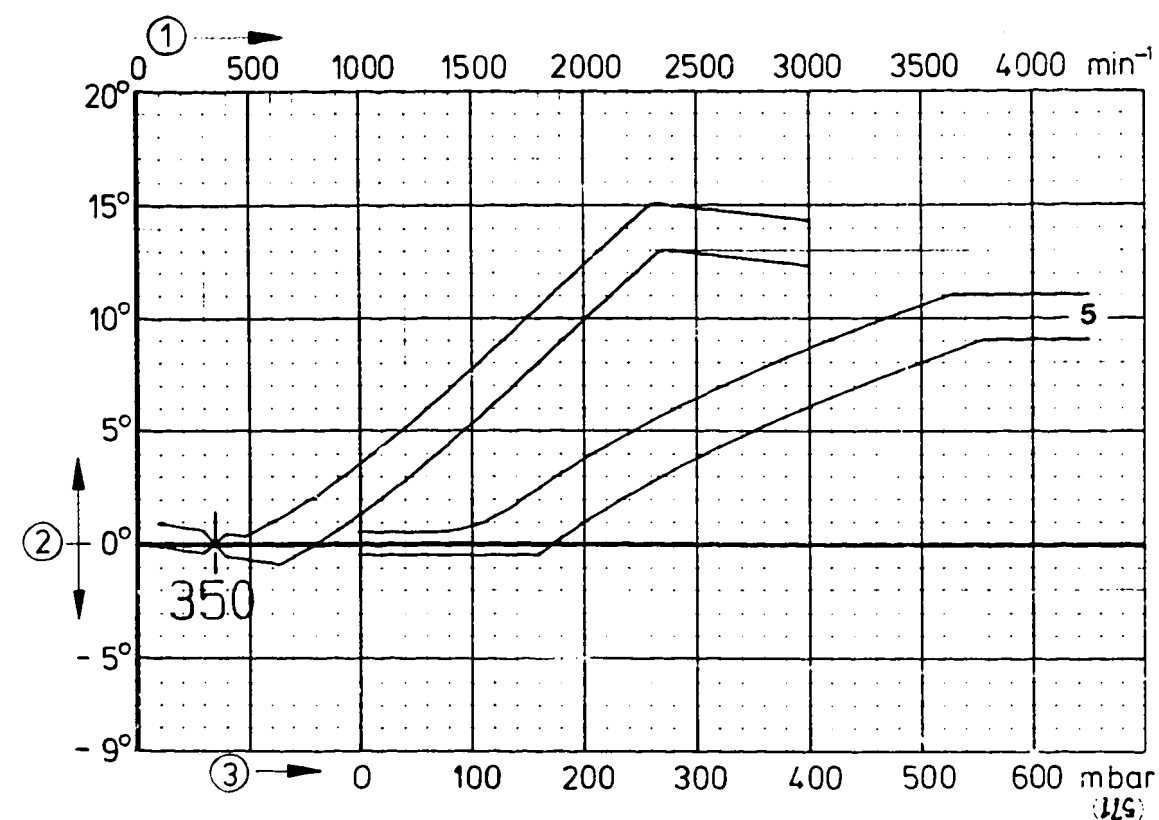


0 237 009 059

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

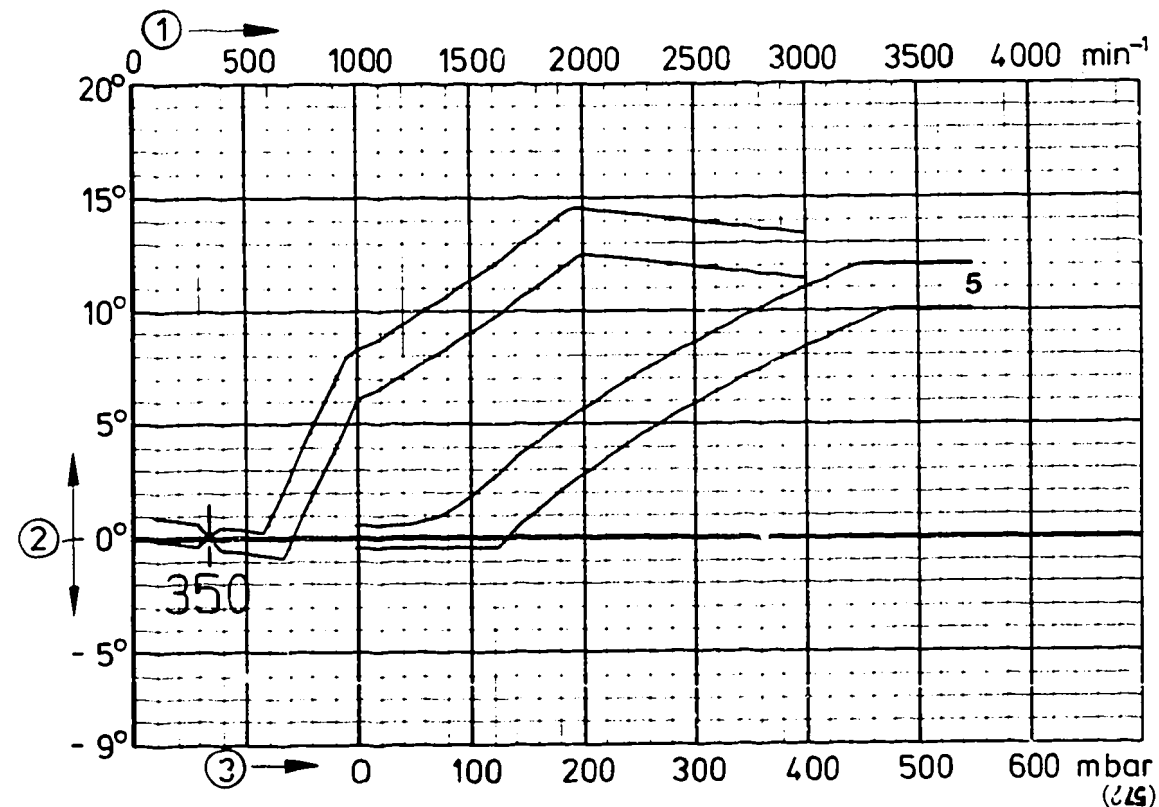


0 237 009 061

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

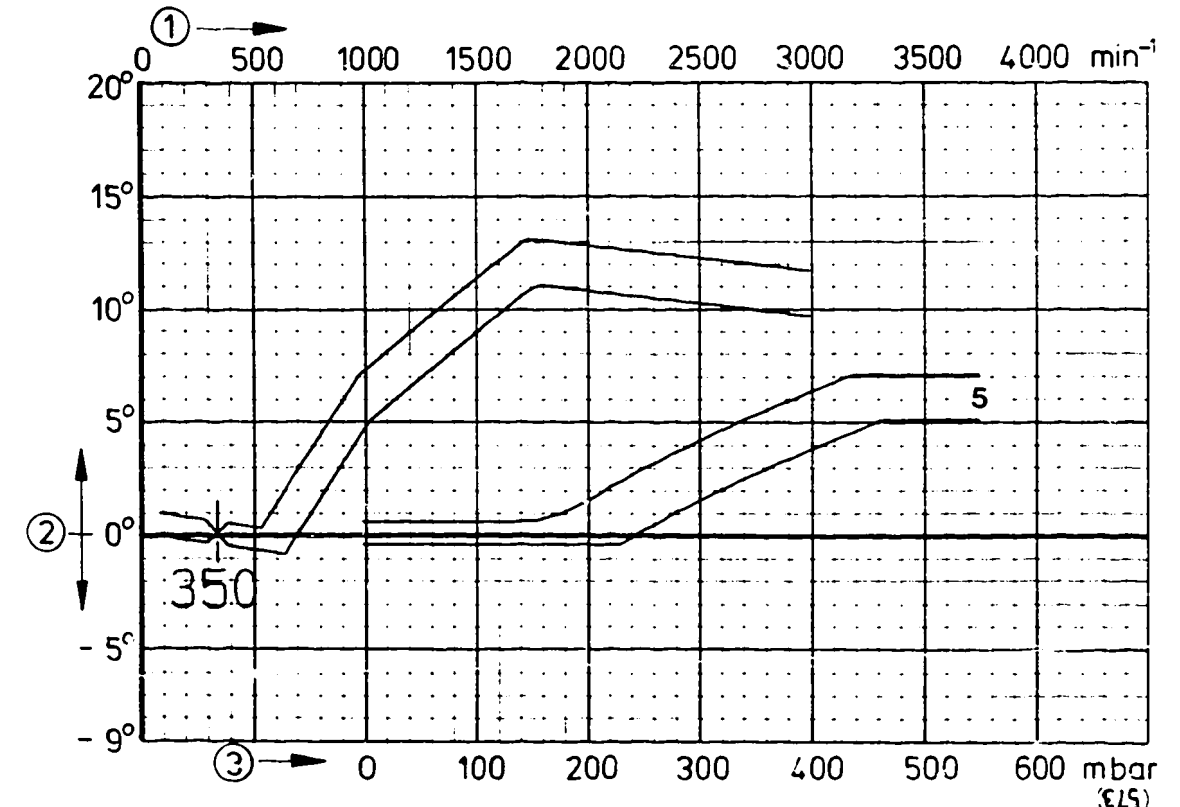


0 237 009 062

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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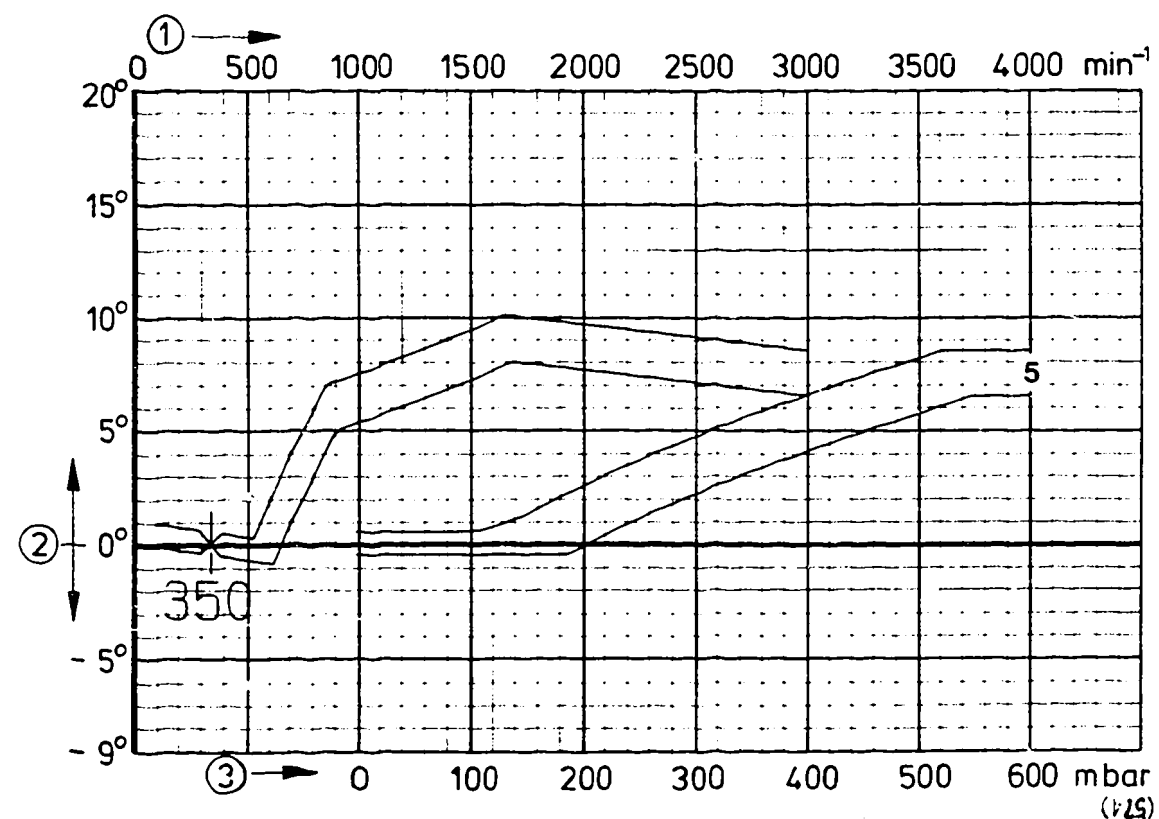


0 237 009 063

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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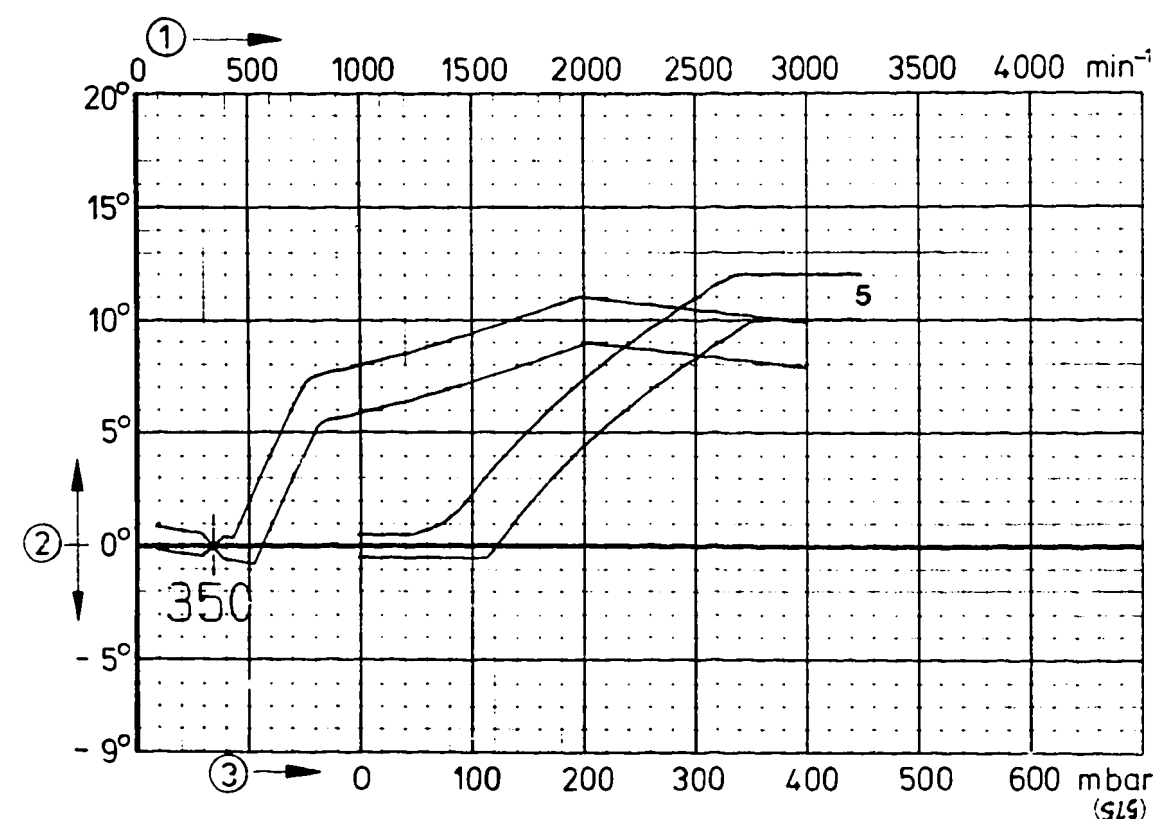


0 237 009 064

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

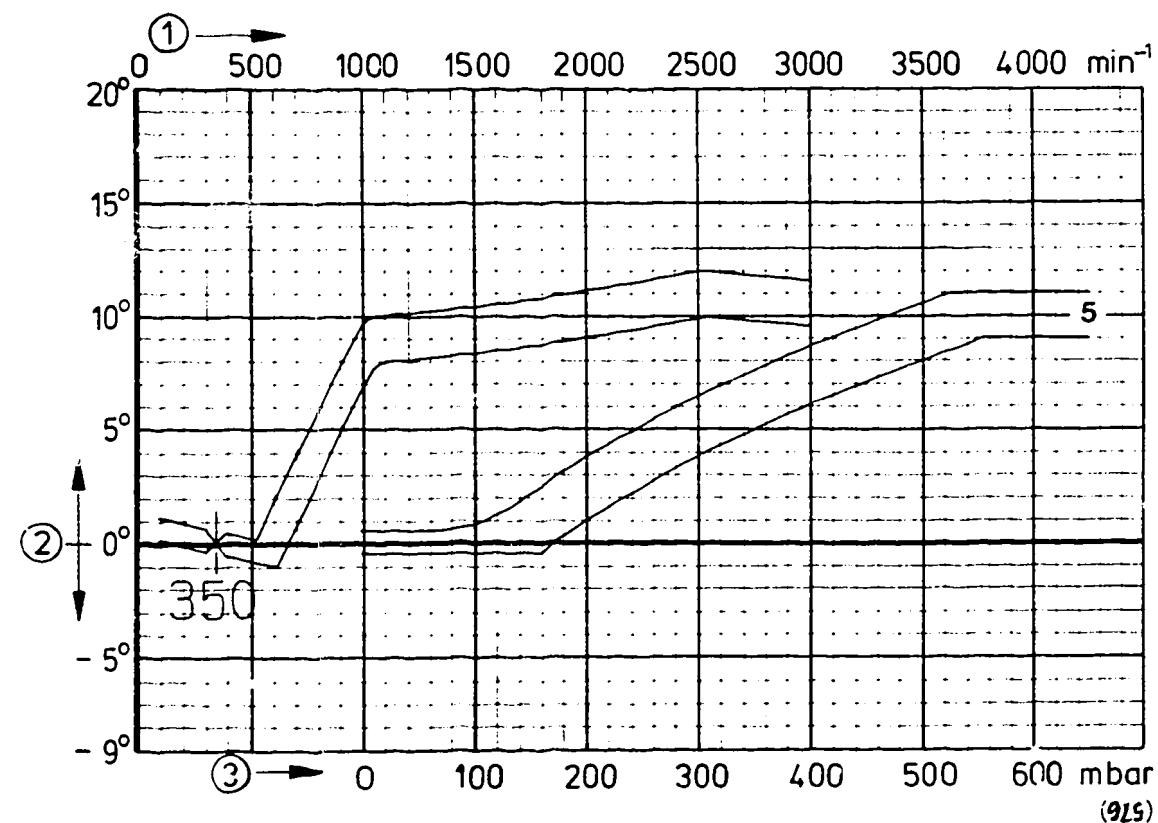


0 237 009 065

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

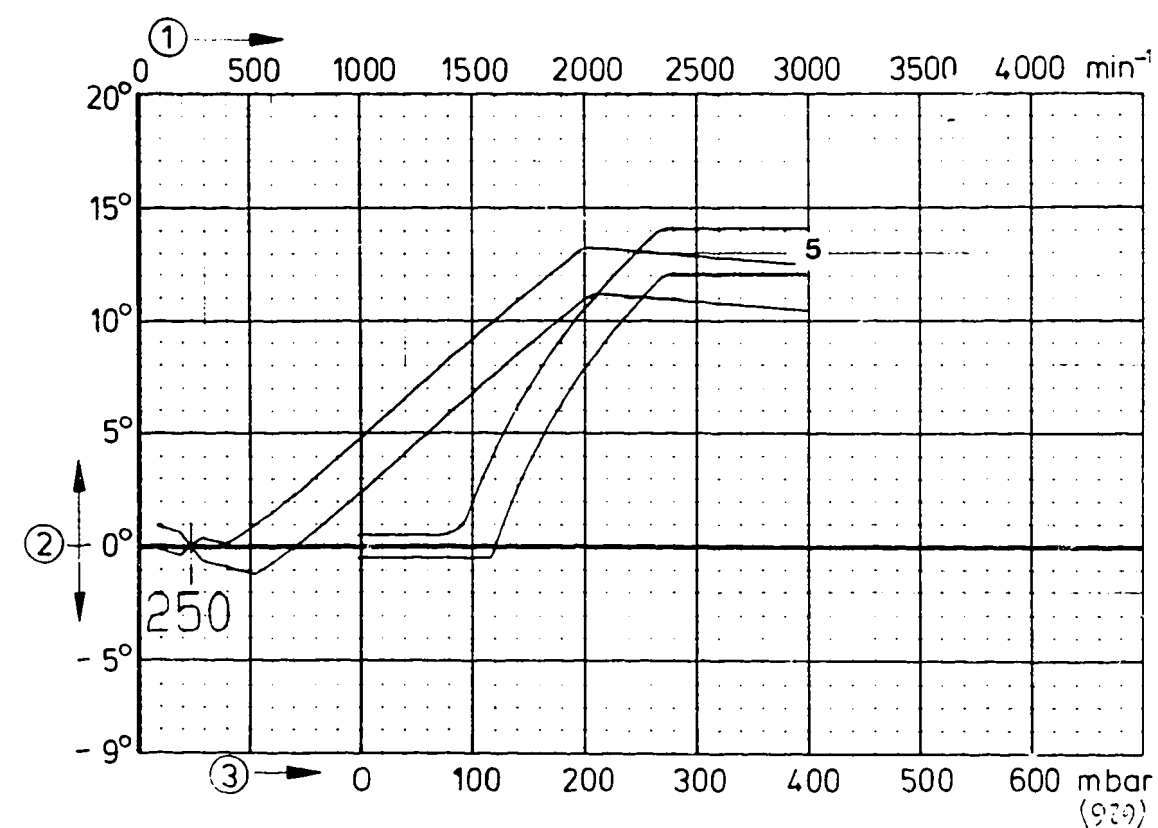


0 237 009 066

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502



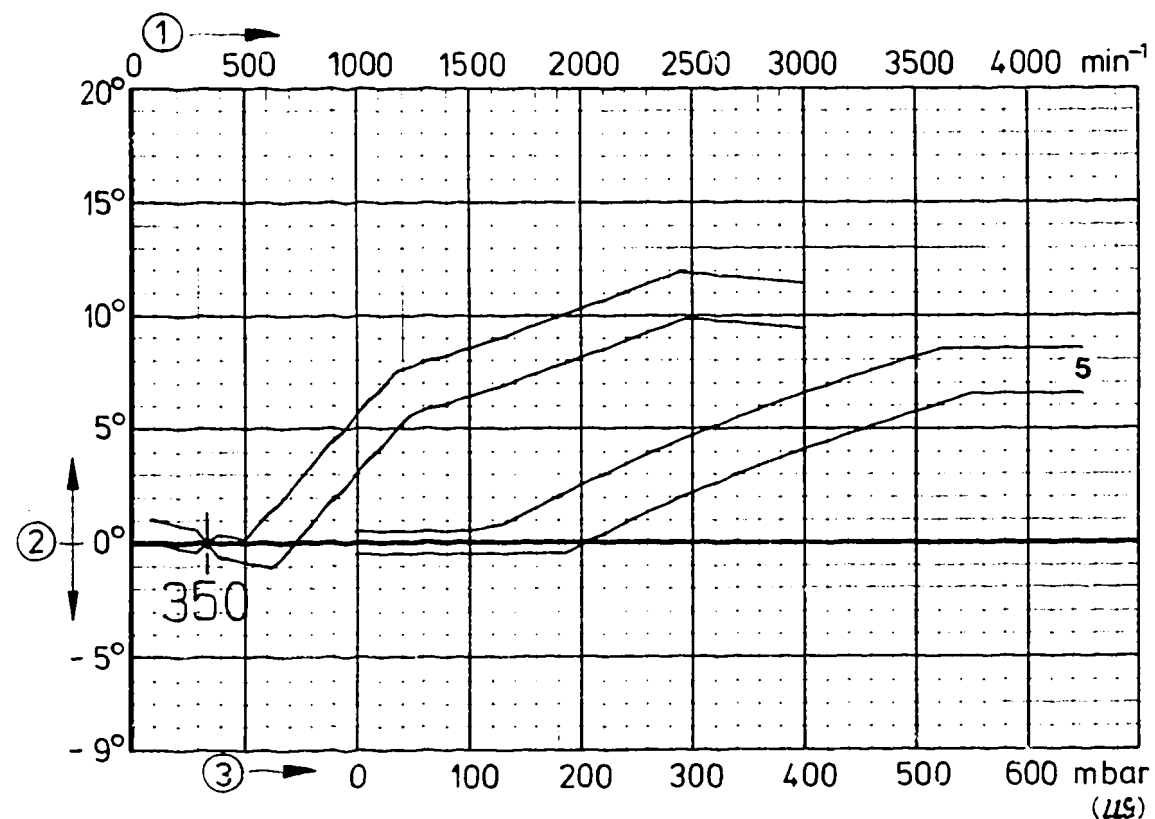
0 237 009 067

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

Clamping flange 1 685 700 135  
 Driver 1 686 490 037

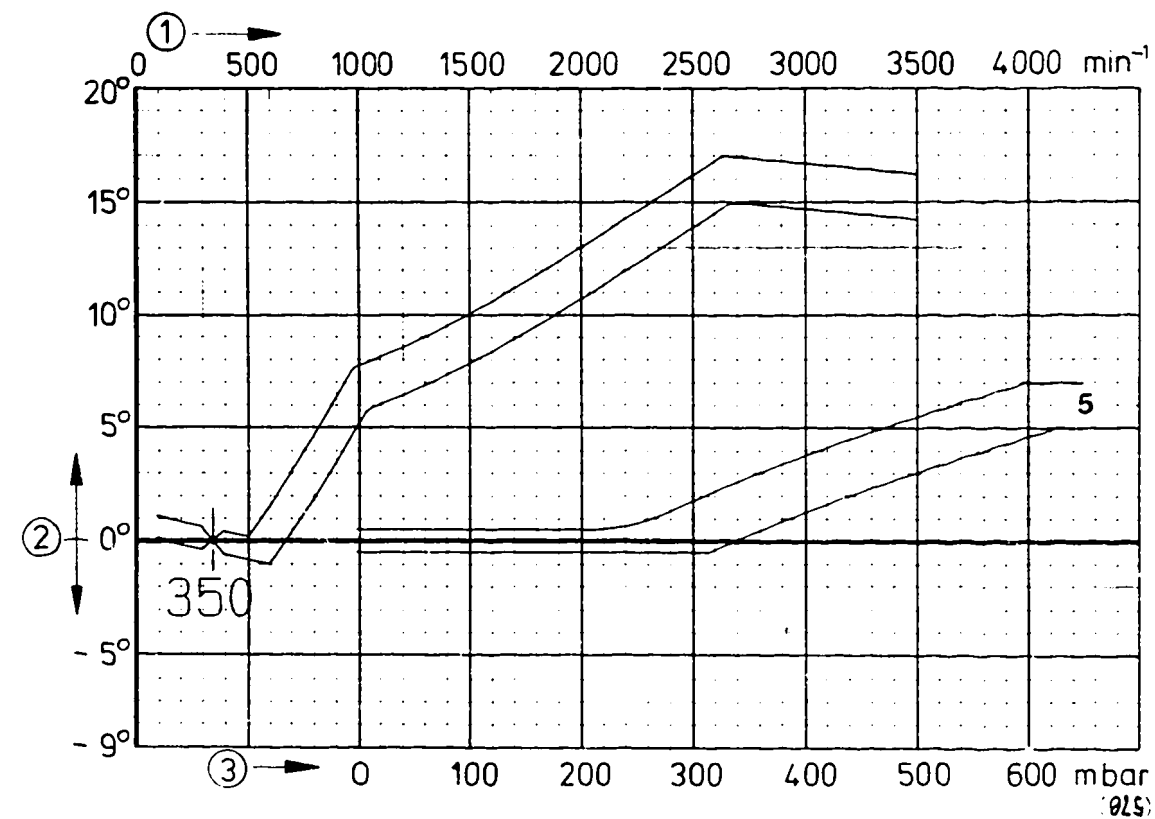


0 237 009 068

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502



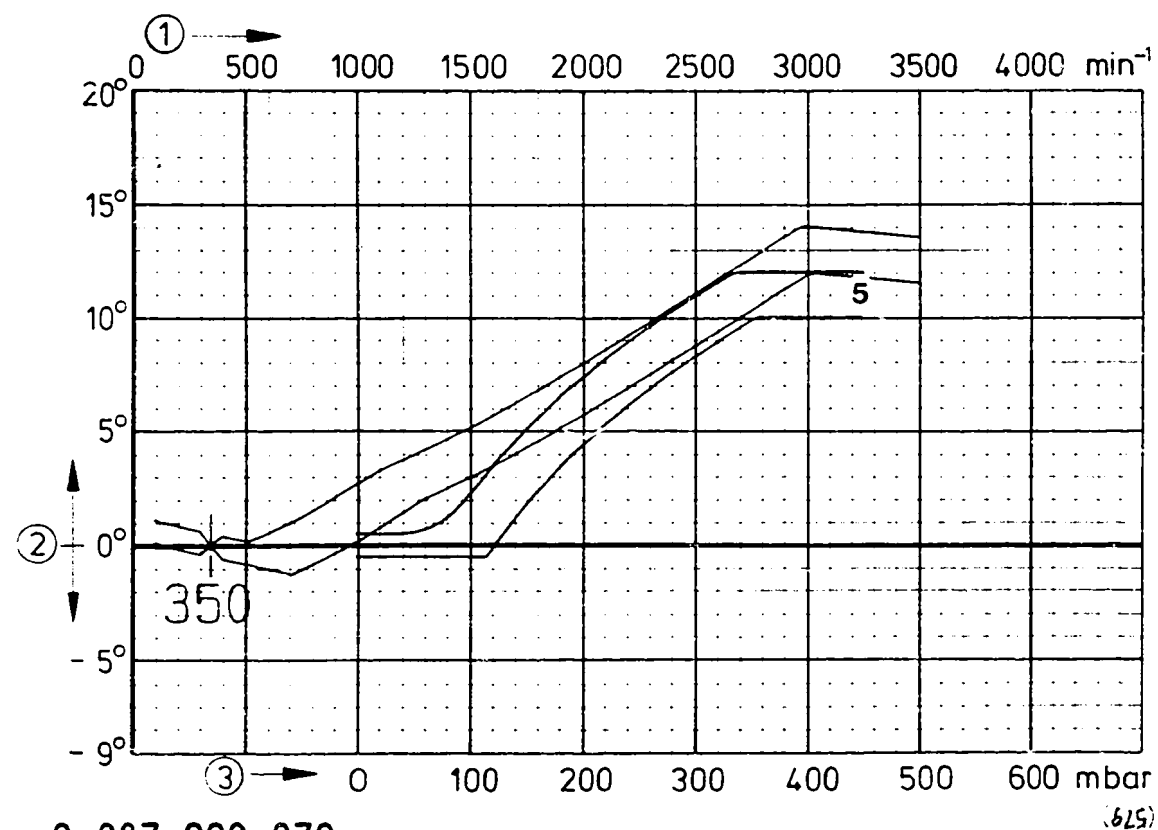
0 237 009 069

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502



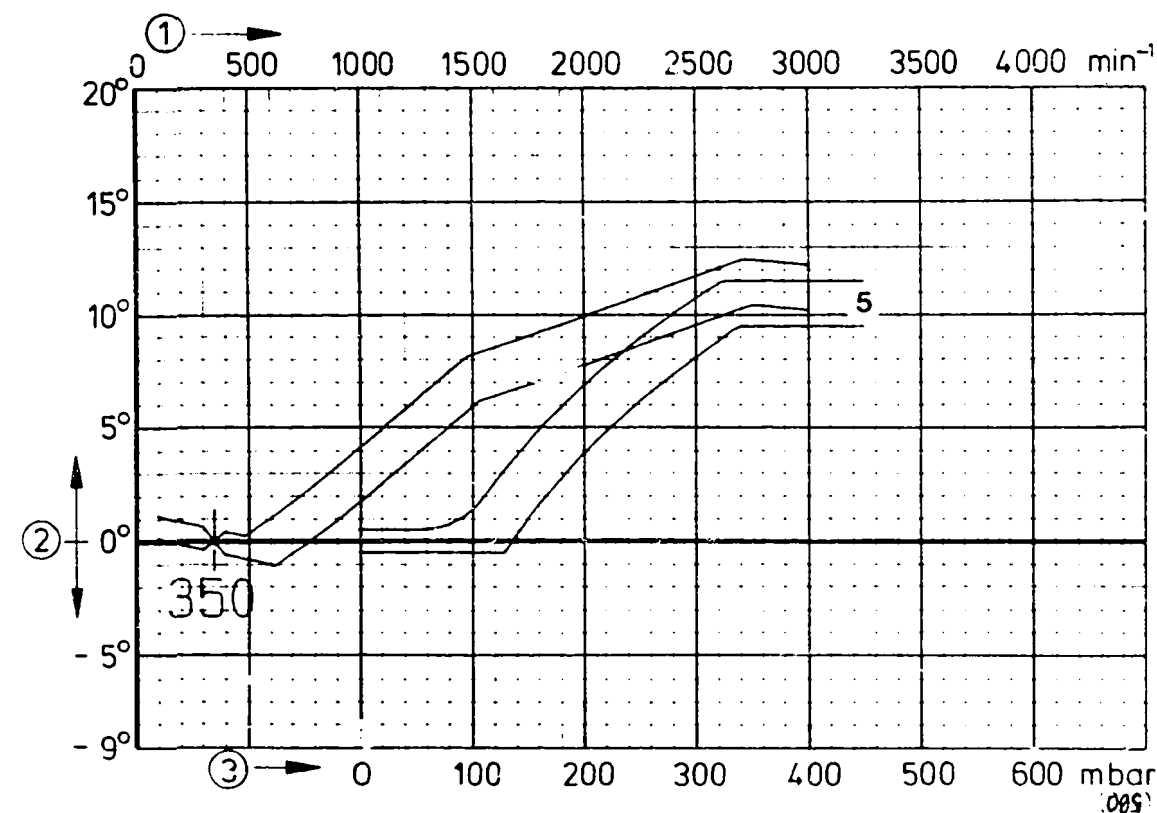


0 237 009 070

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

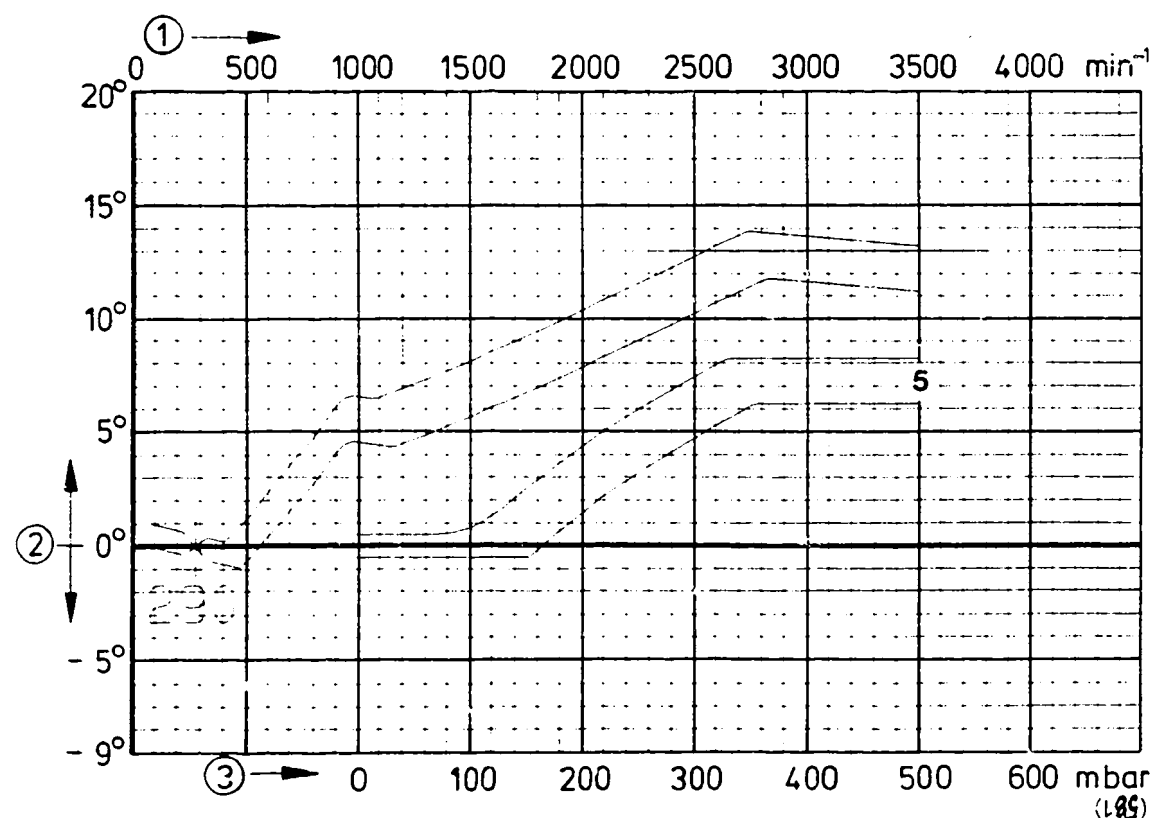


0 237 009 071

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

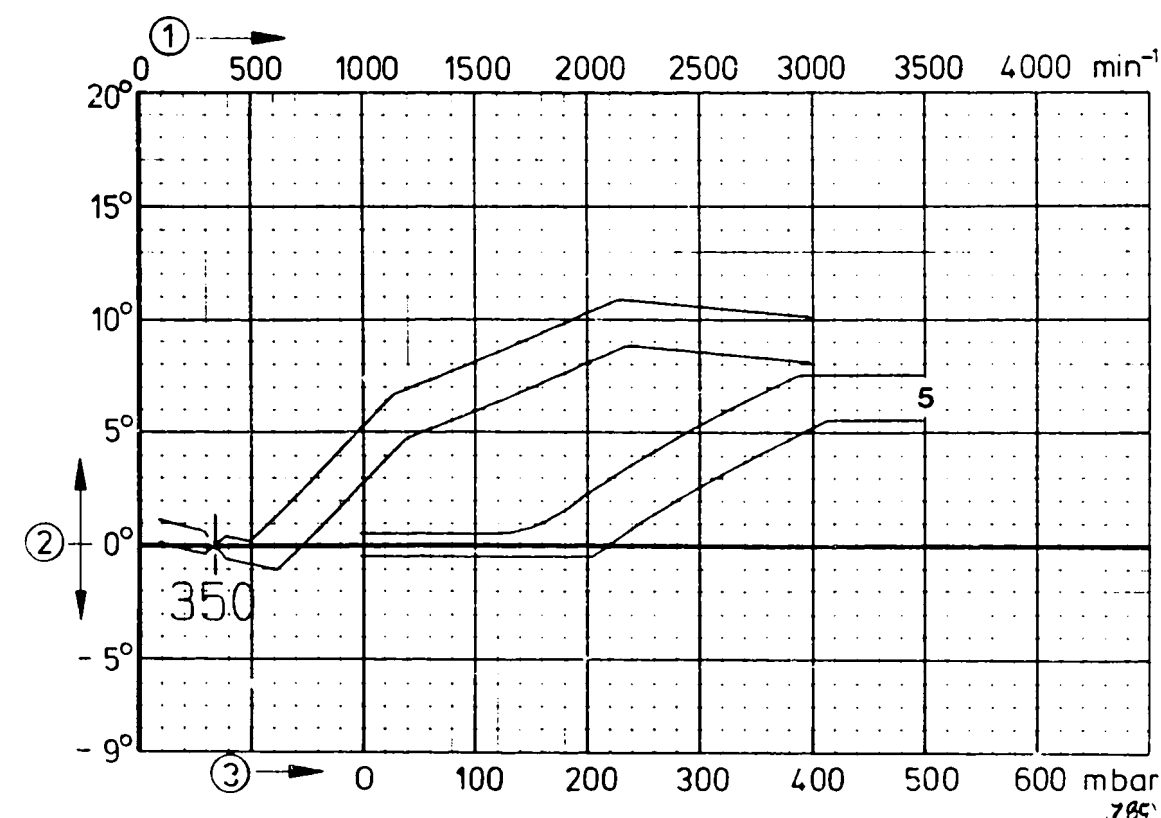


0 237 009 072

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	520...700 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions  
W-237/502

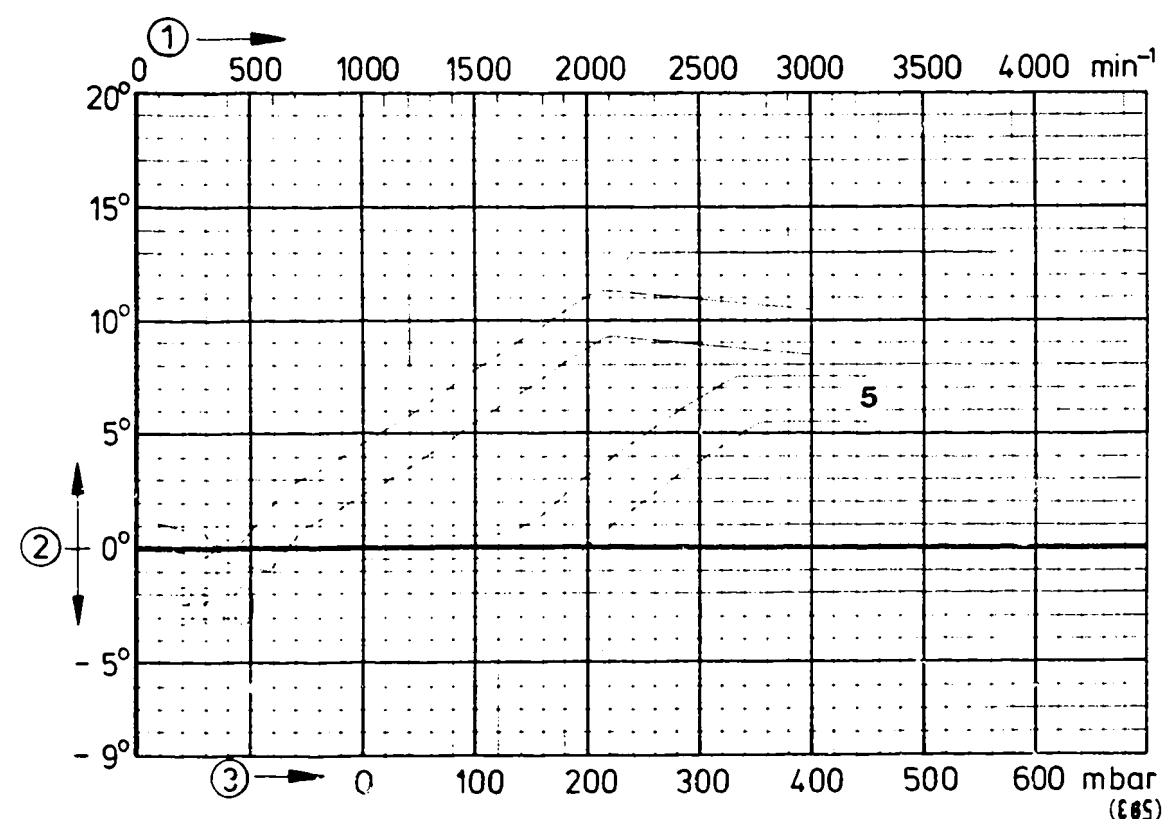


0 237 009 601

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Date of manufacture	686 ->

Repair and test instructions  
W-237/502

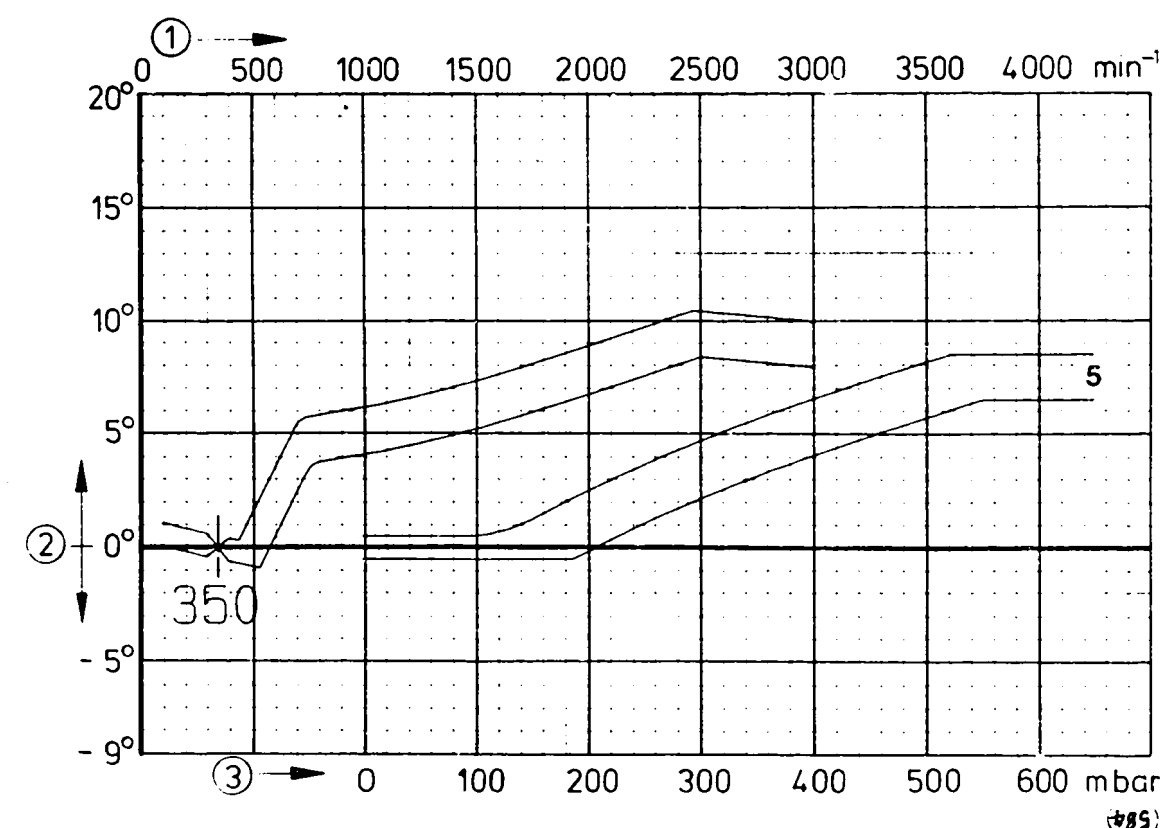


0 237 009 601

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Date of manufacture	-> 586

Repair and test instructions W-237/502

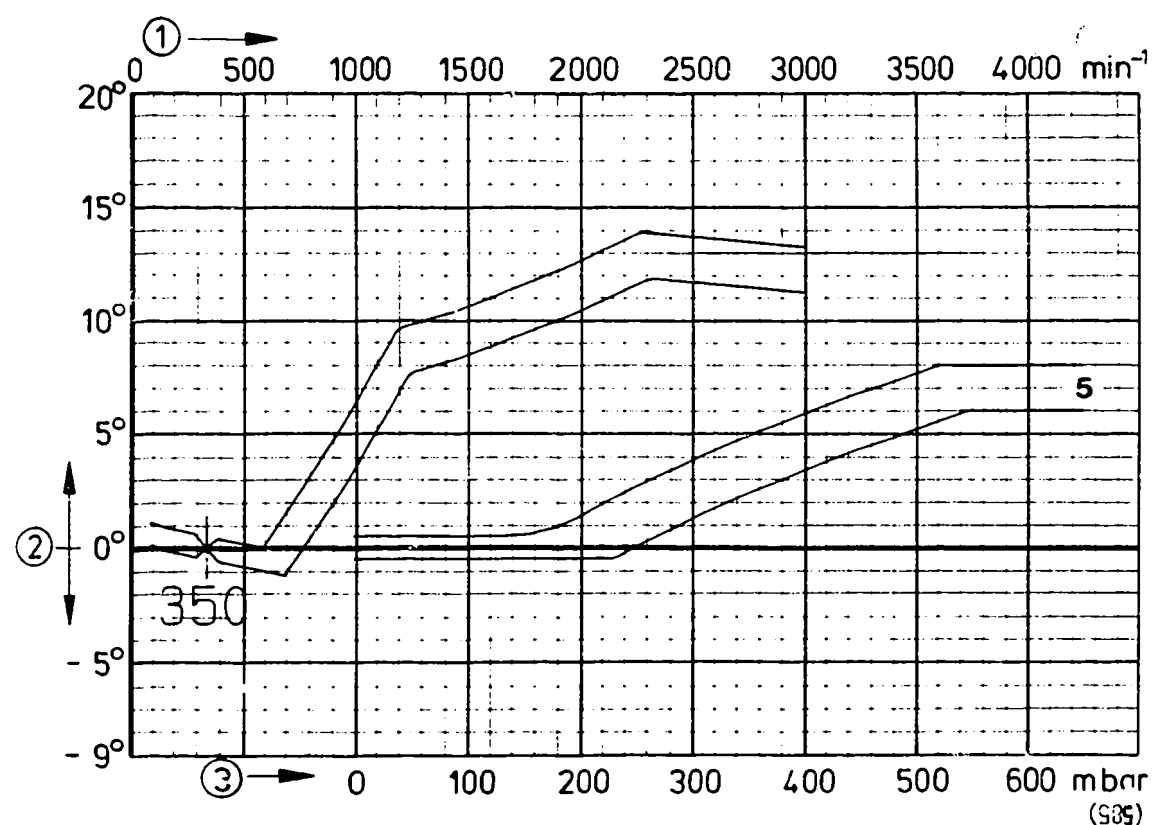


0 237 009 602

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

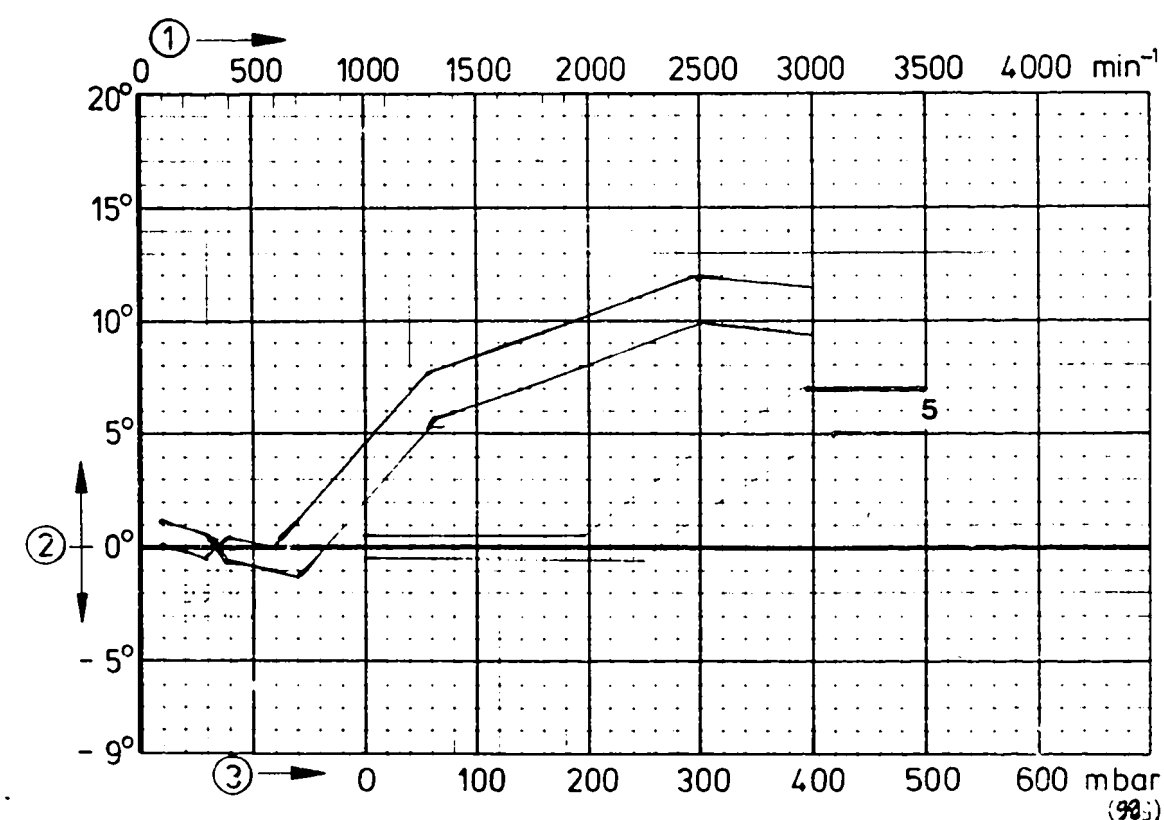


0 237 009 603

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

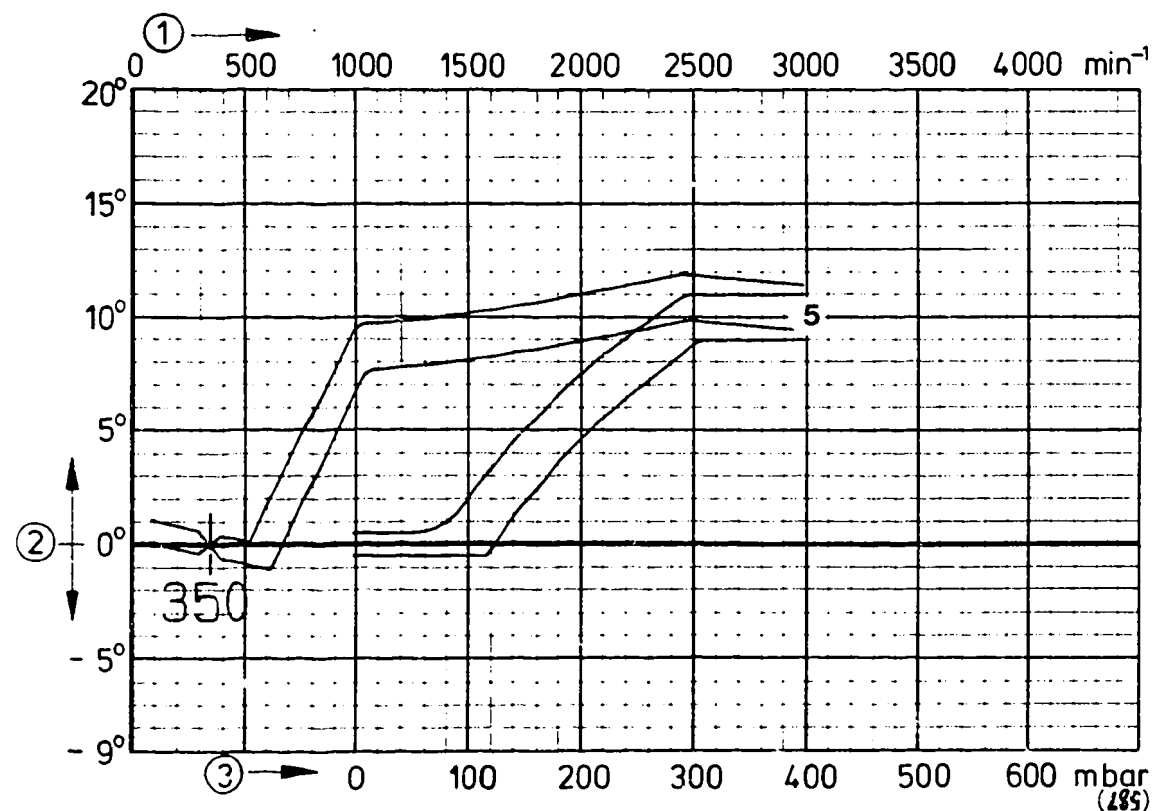


0 237 009 604

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

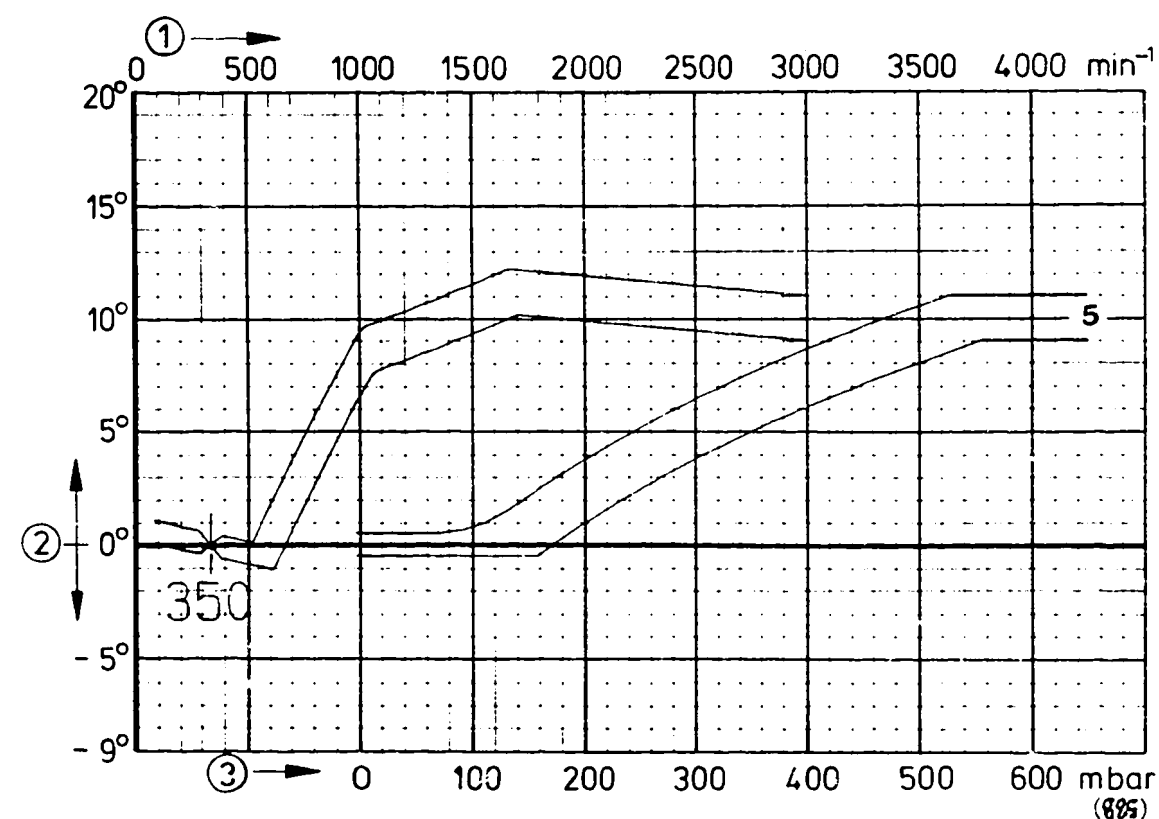


0 237 009 605

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

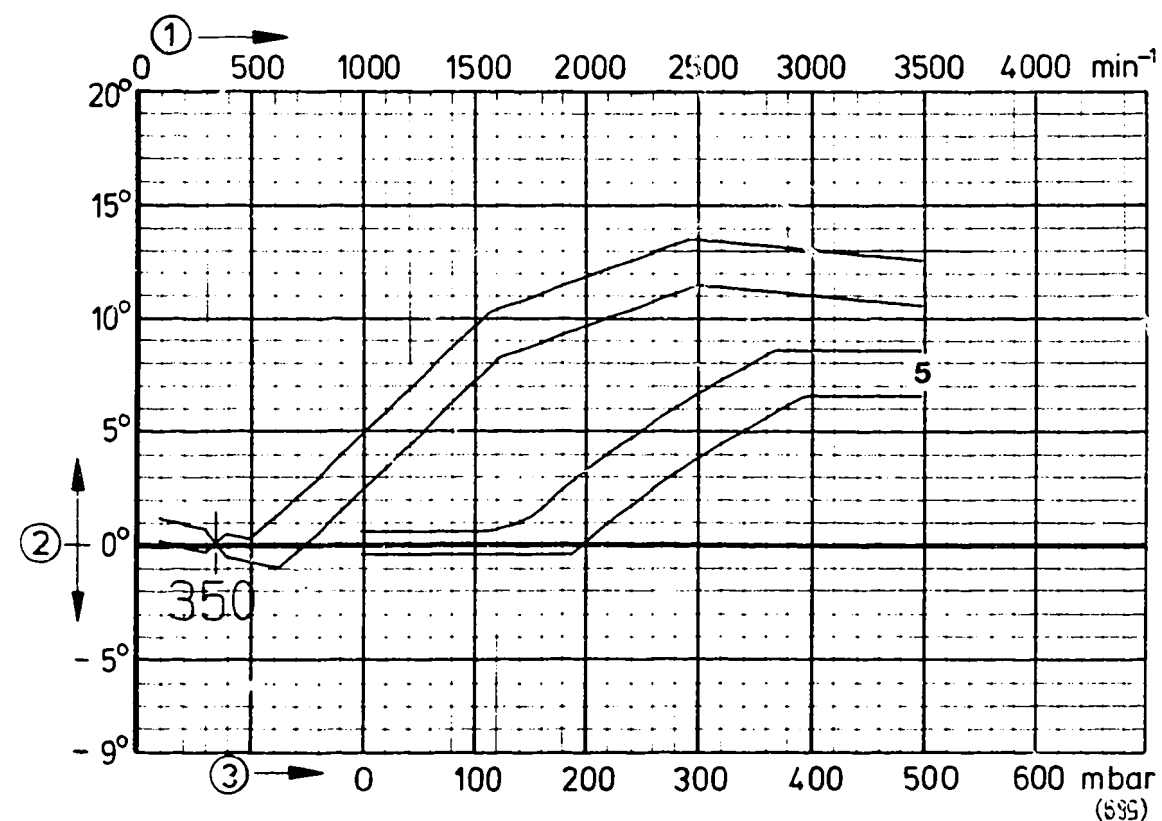


0 237 009 607

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

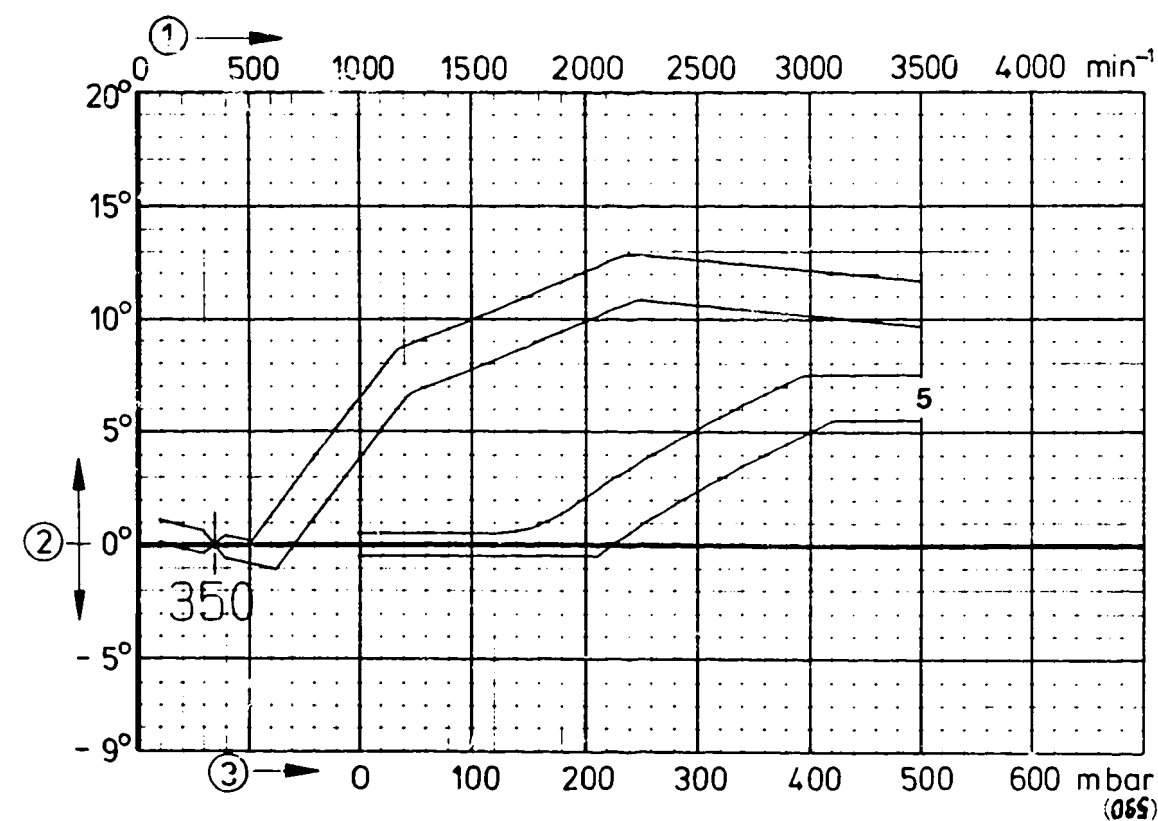


0 237 009 609

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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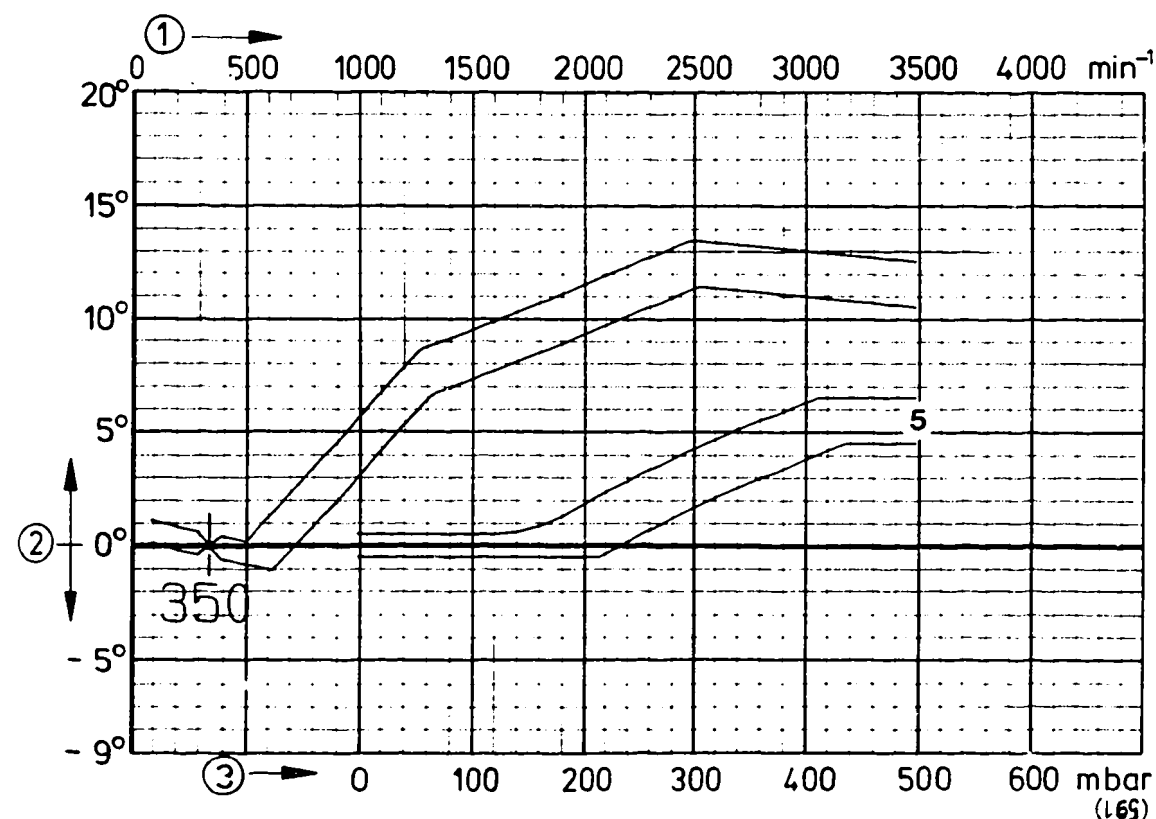


0 237 009 610

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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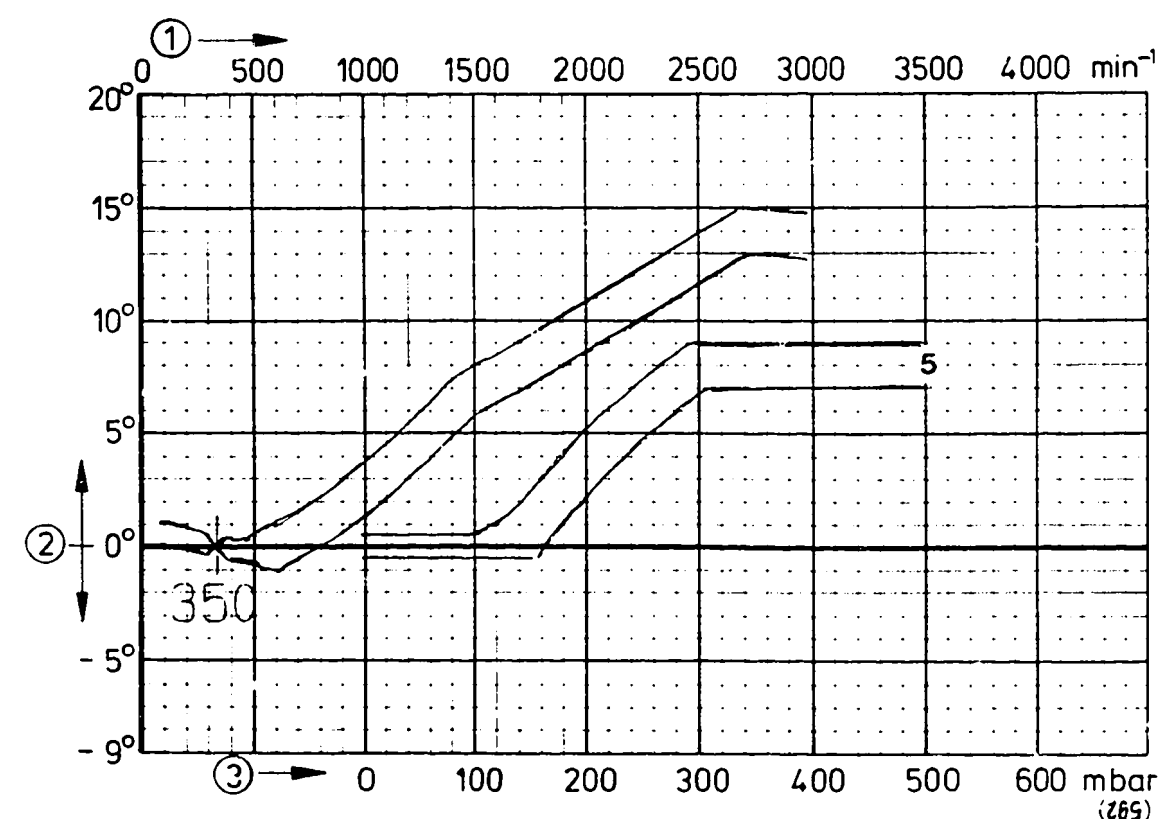


0 237 009 611

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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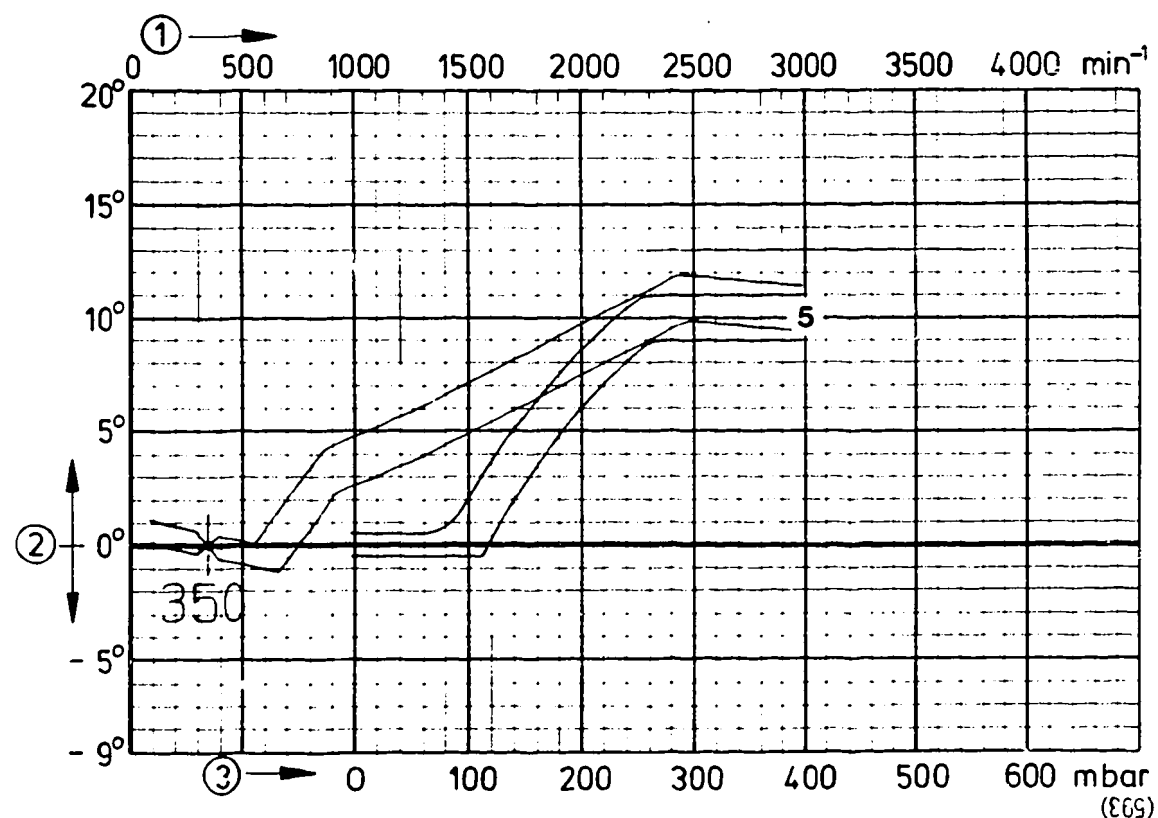


0 237 009 612

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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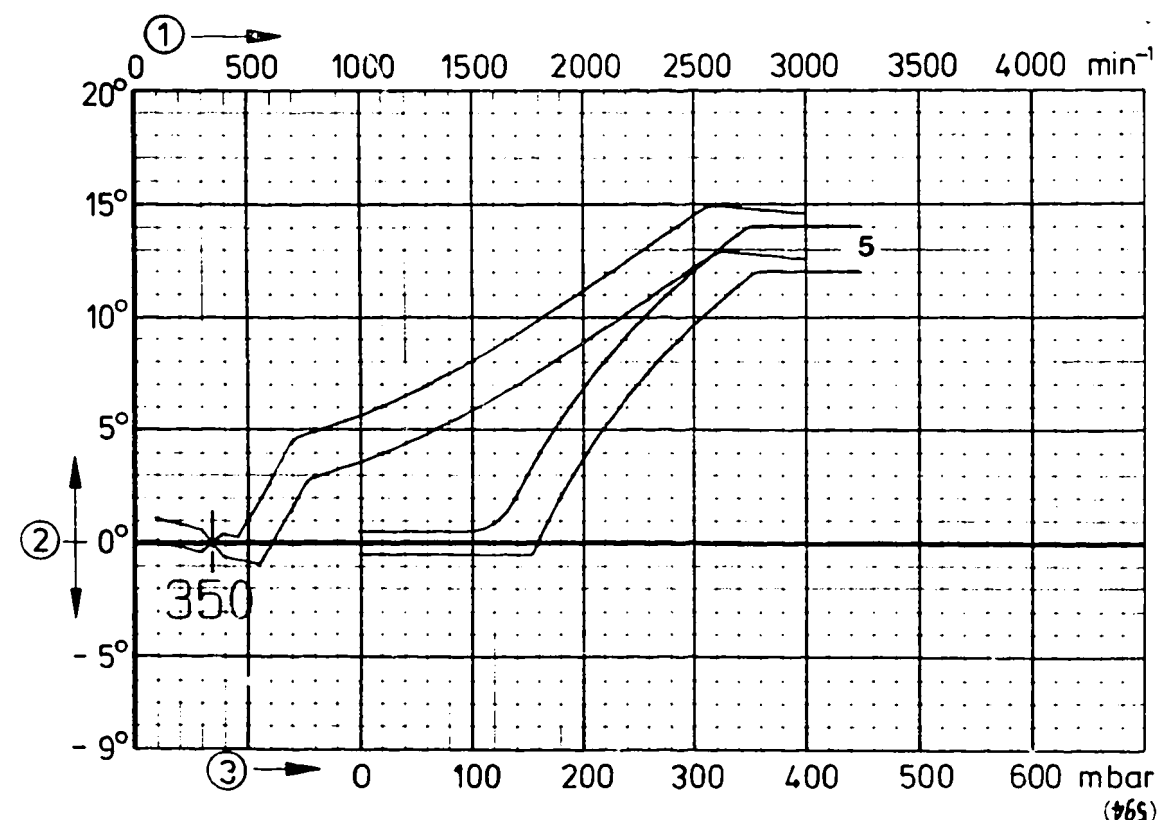


0 237 009 613

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



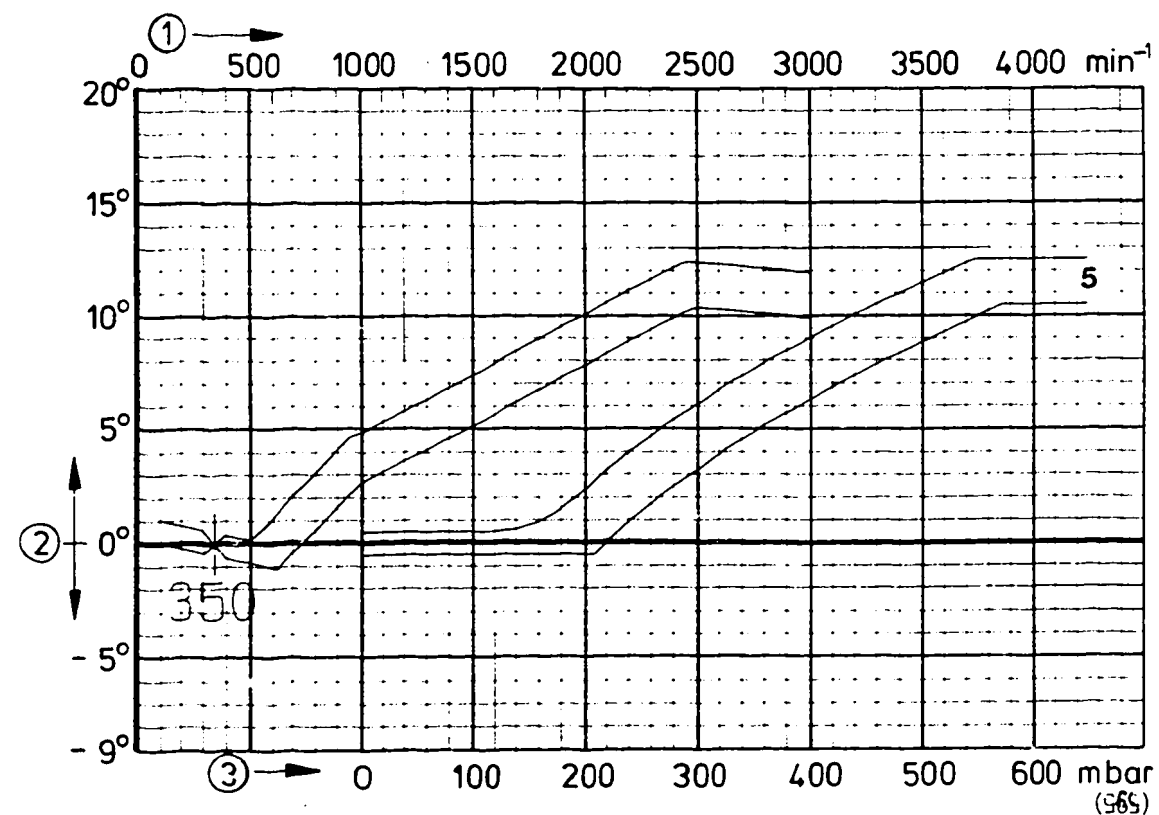
0 237 009 614

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



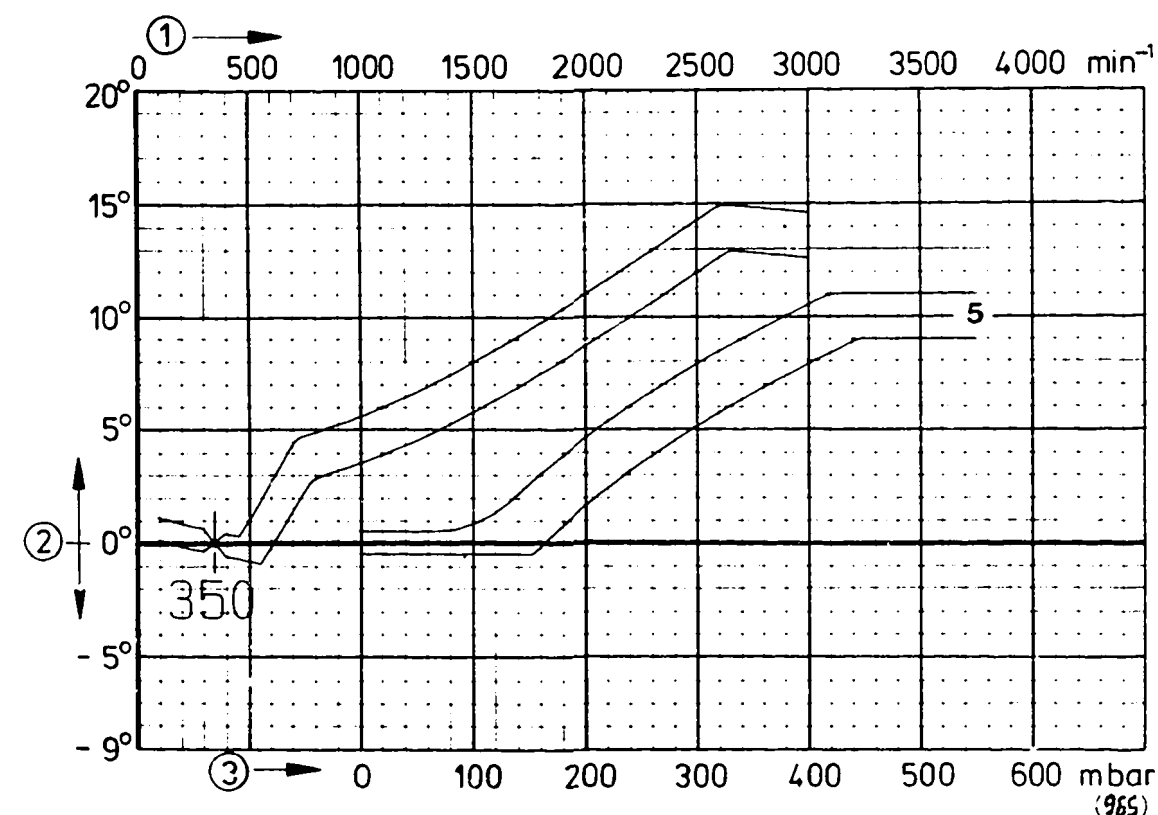


0 237 009 615

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,40 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

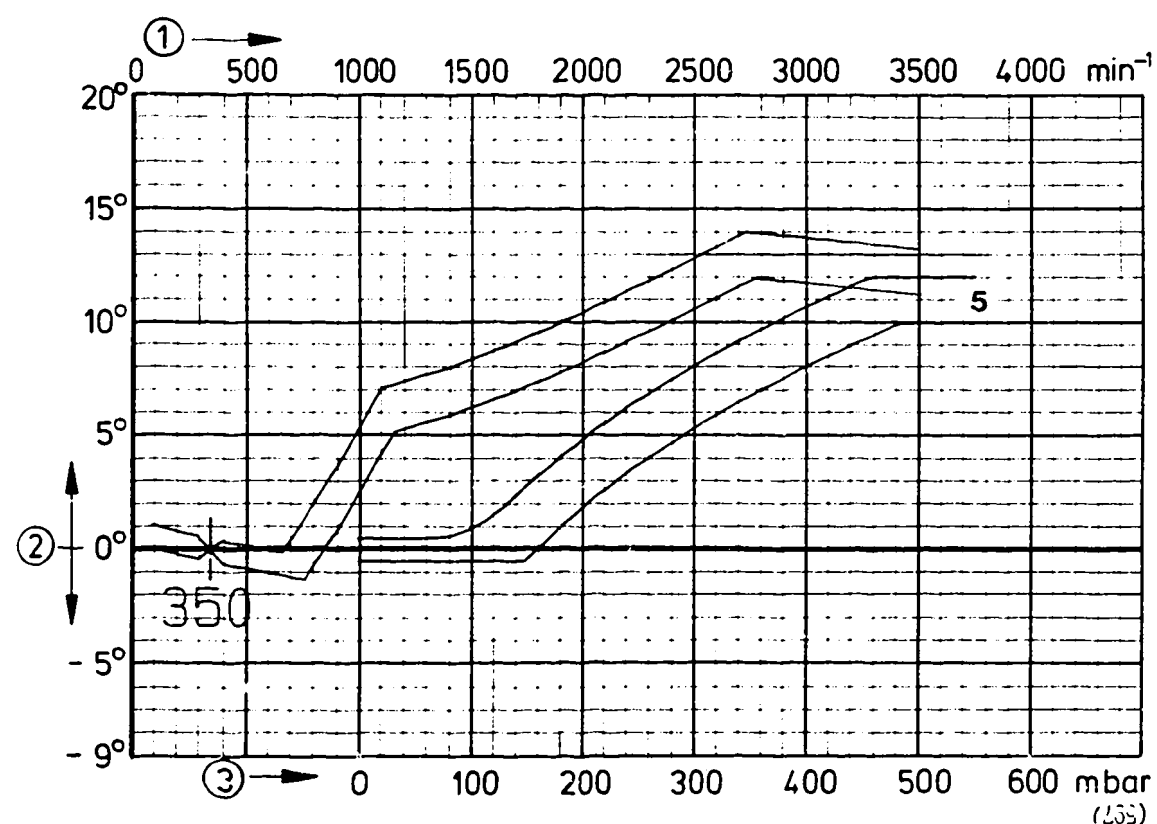


0 237 009 616

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

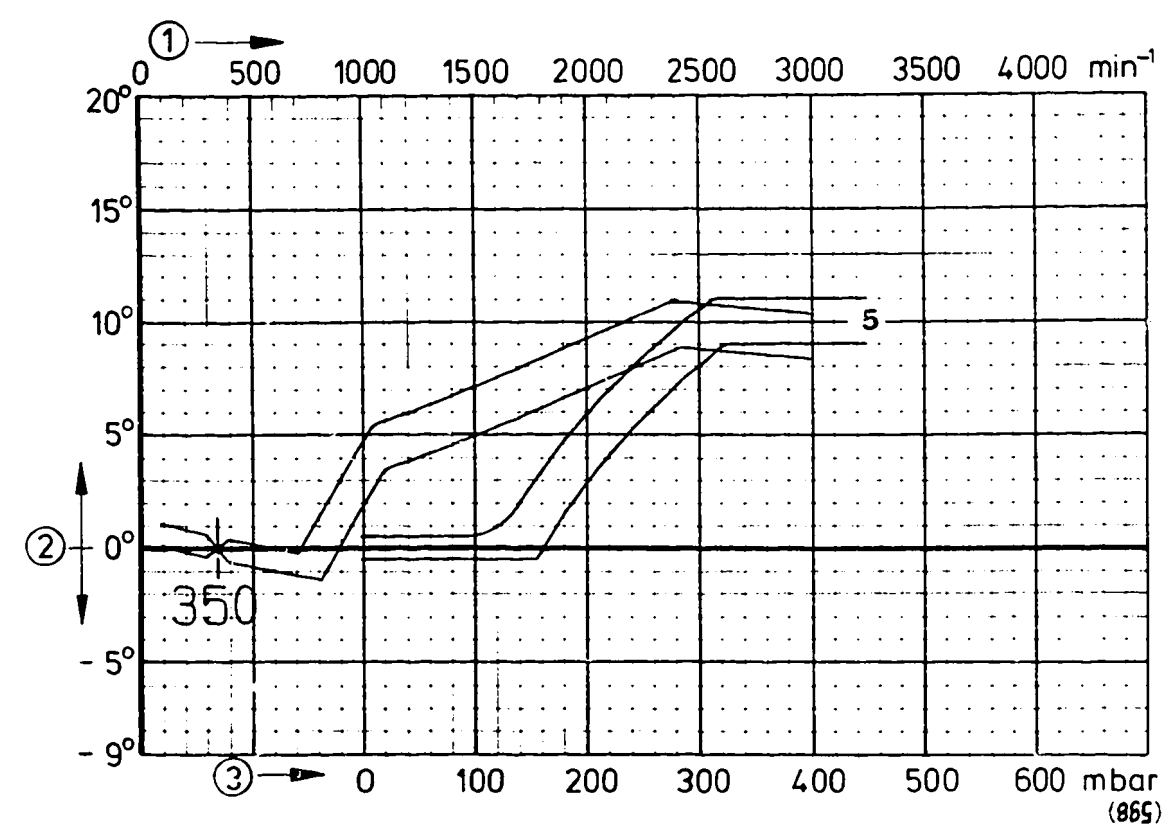


0 237 009 618

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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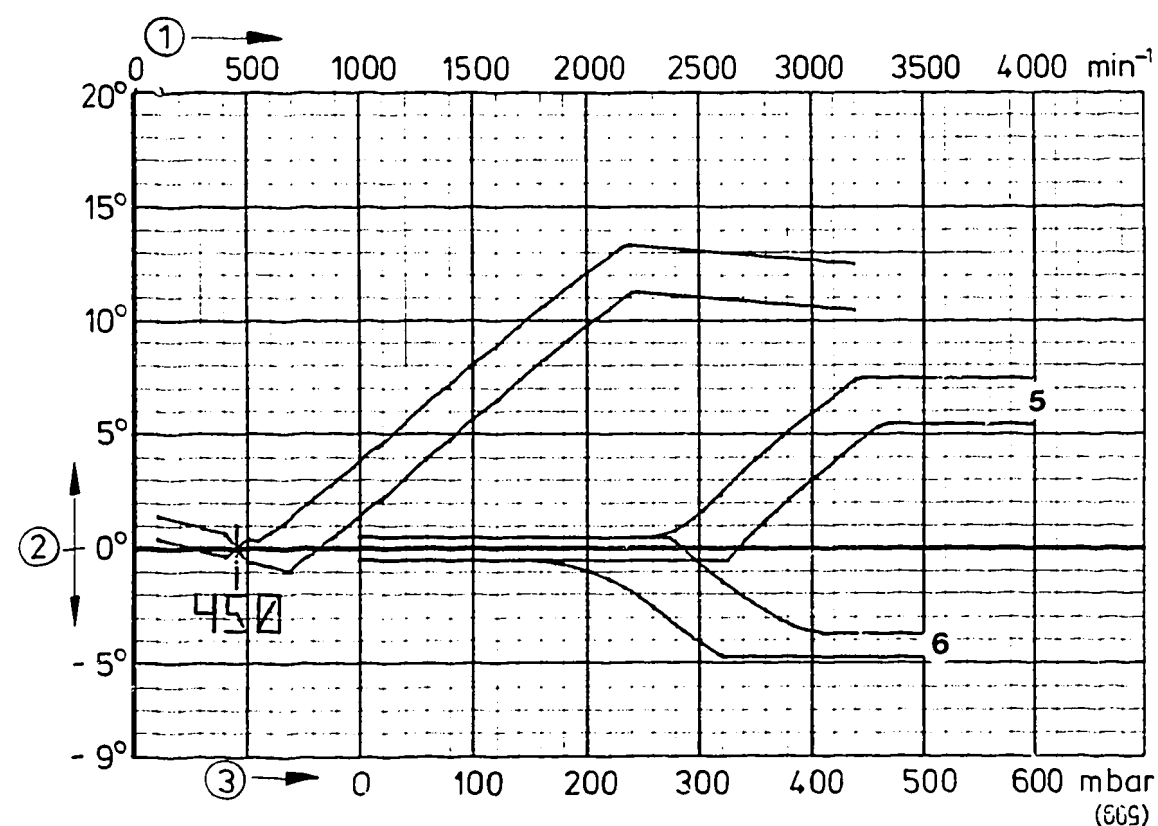


0 237 009 953

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions	W-237/502
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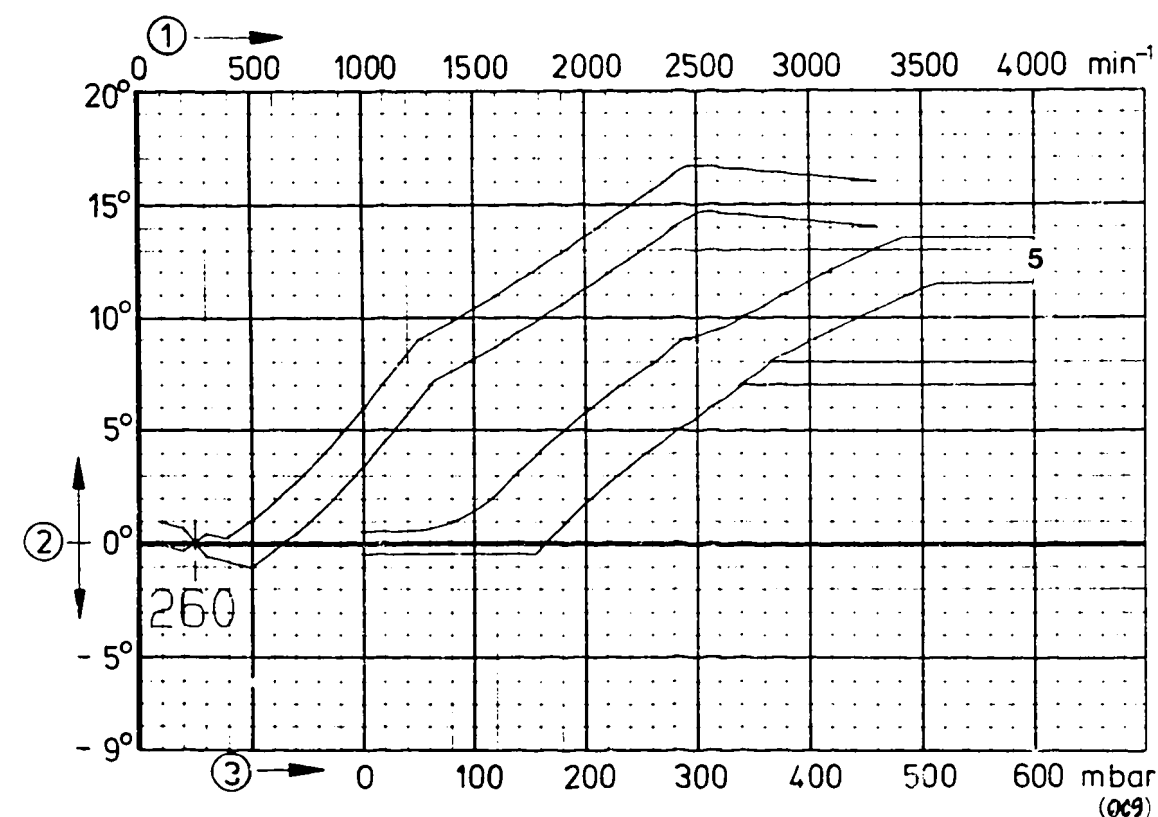


0 237 010 005 / 006

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202	ID-I
Sensor resistance	905...1300 $\Omega$
Air gap min.	0,22 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

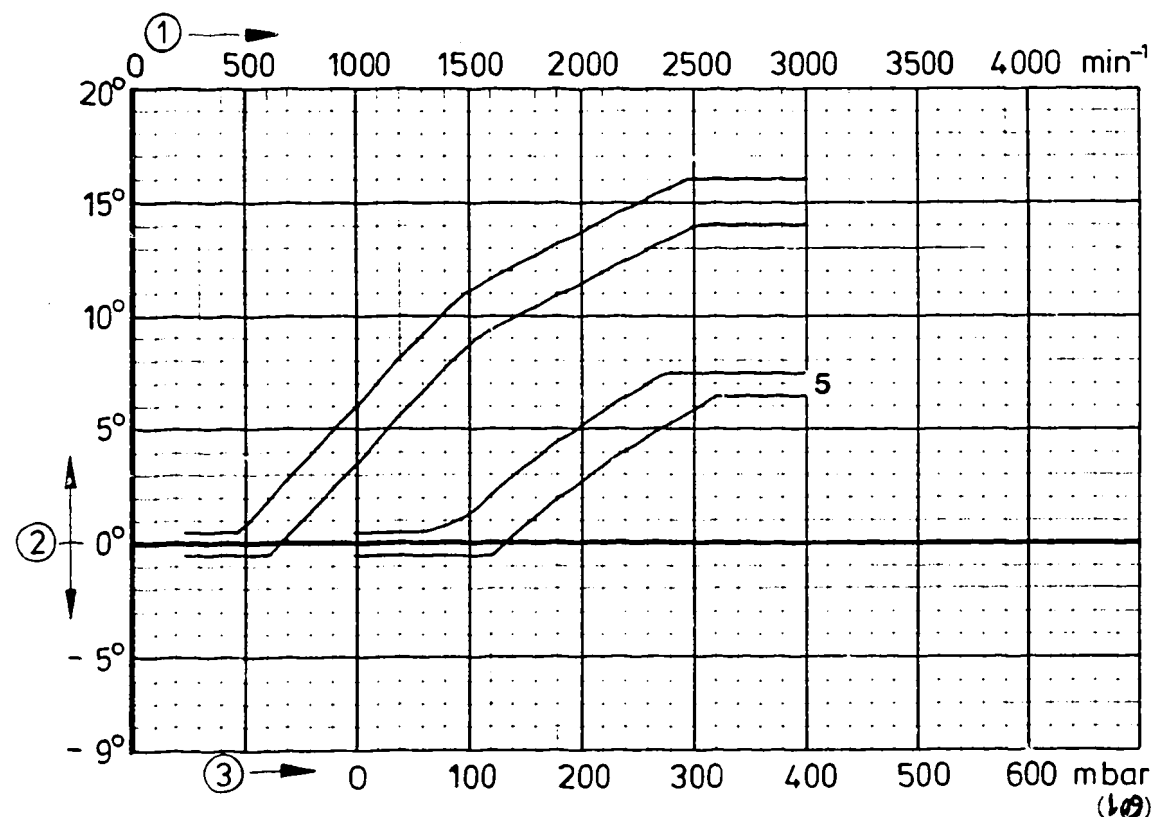


0 237 014 002

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	505...680 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Cut-out speed of limiter	2940 up to 3120 min <sup>-1</sup>

Repair and test instructions W-237/502

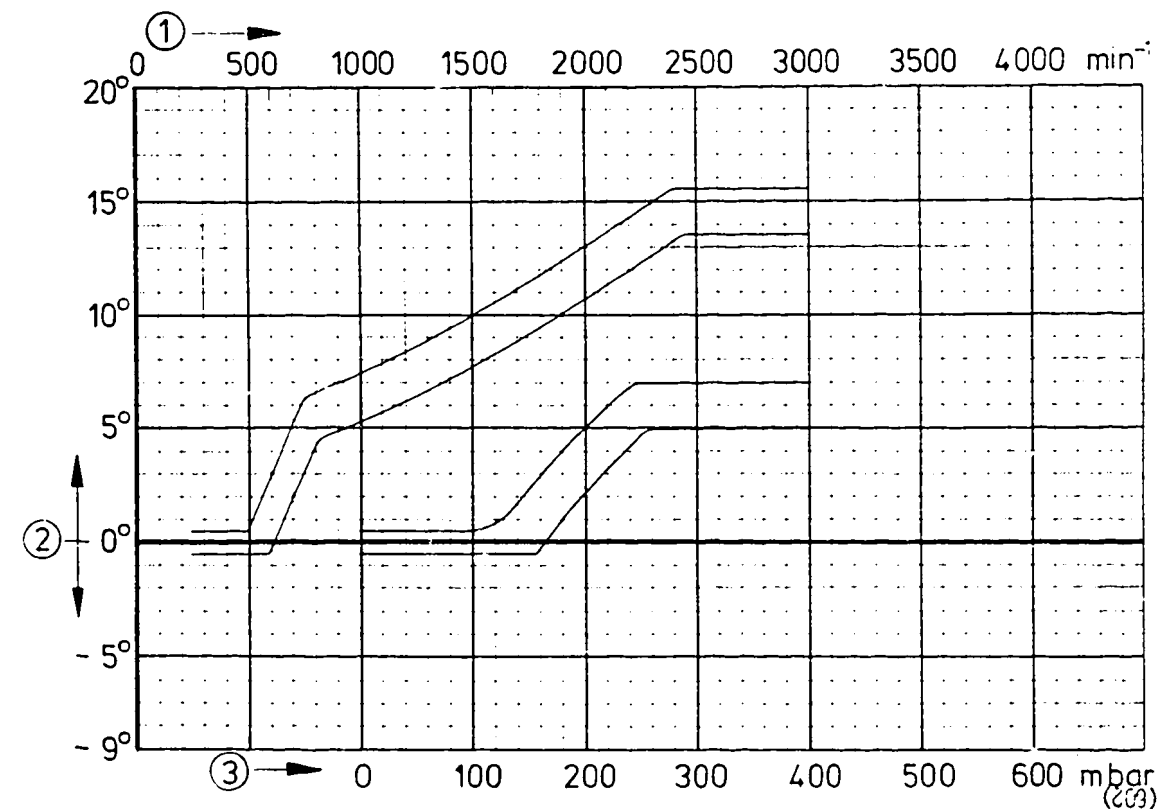


0 237 020 137 / 138

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

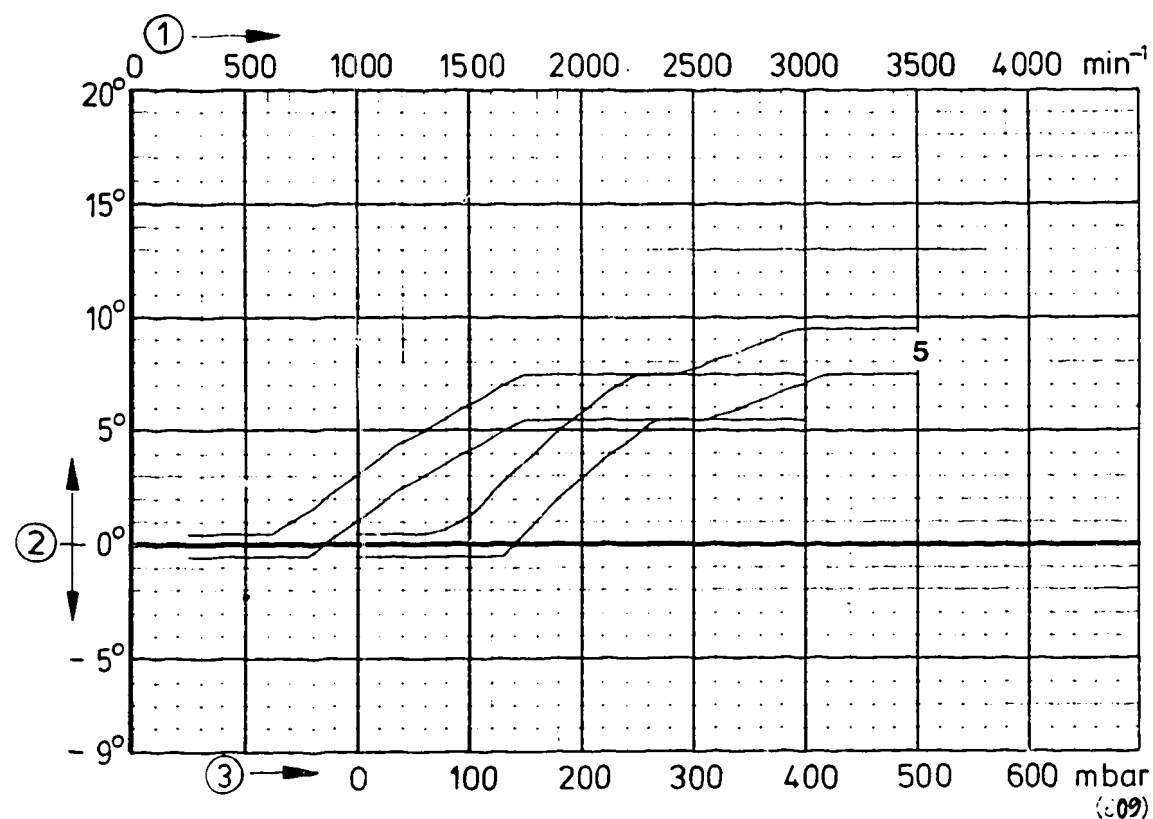


0 237 020 140 / 141

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

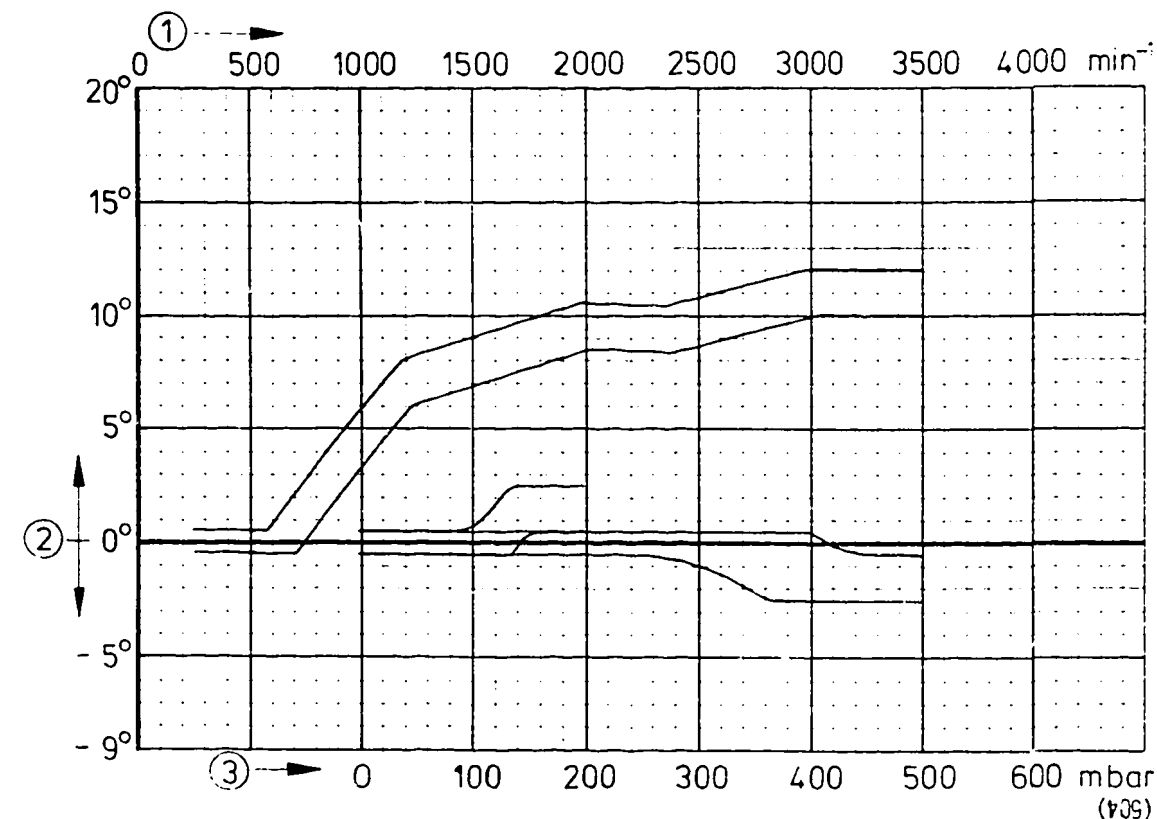


0 237 020 162 / 163

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

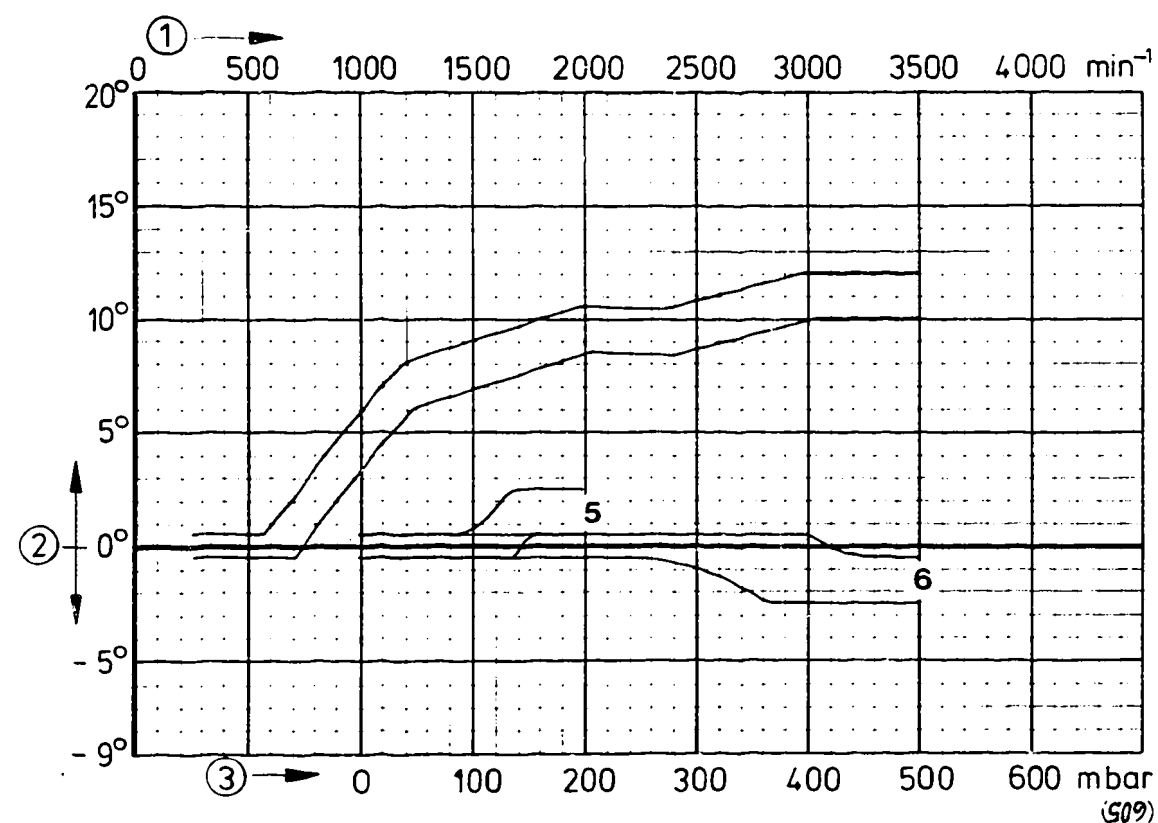


0 237 020 166

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

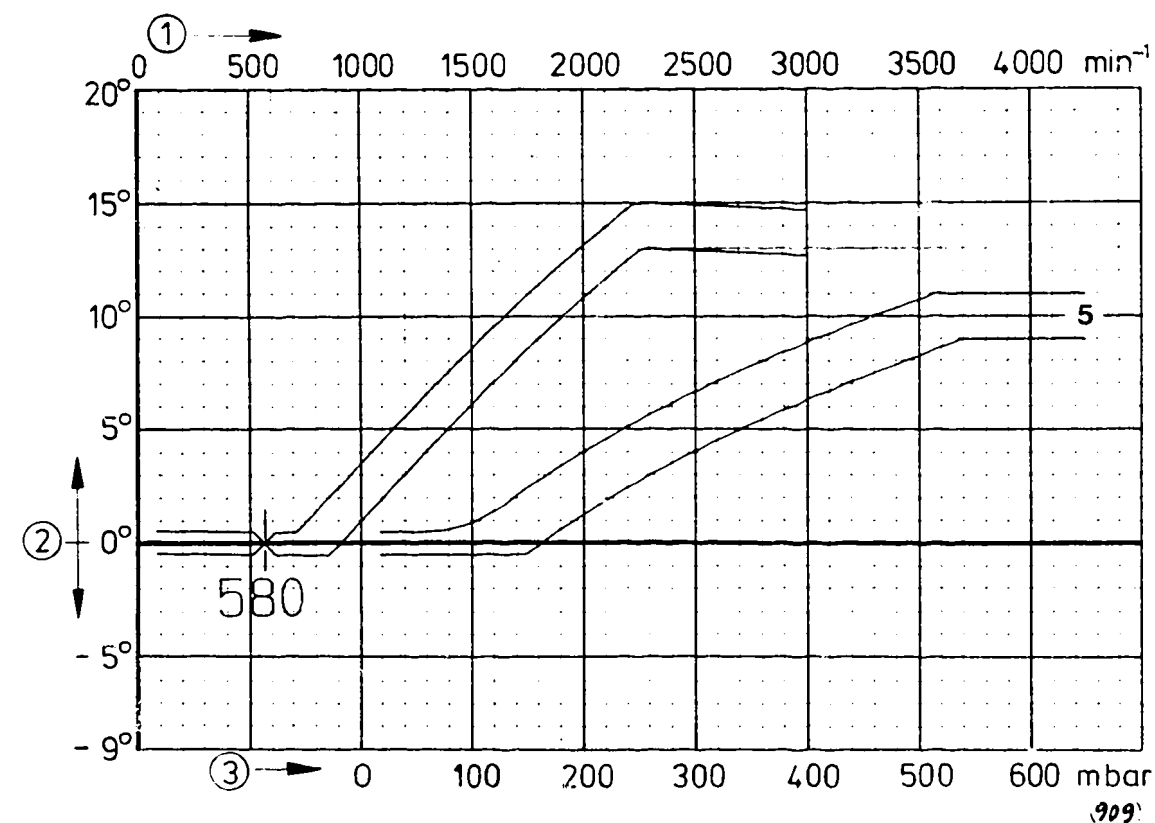


0 237 020 167

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



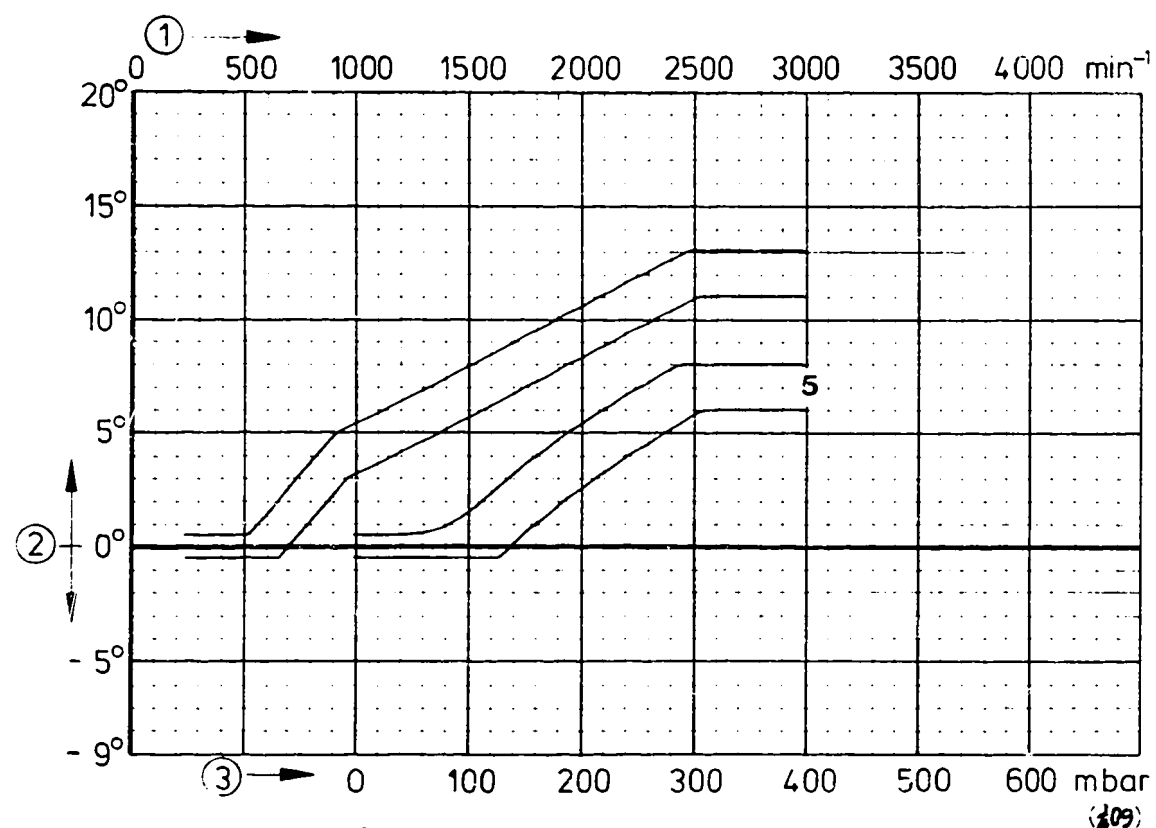
0 237 020 168

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

Clamping flange 1 685 700 117  
Driver 1 686 400 007



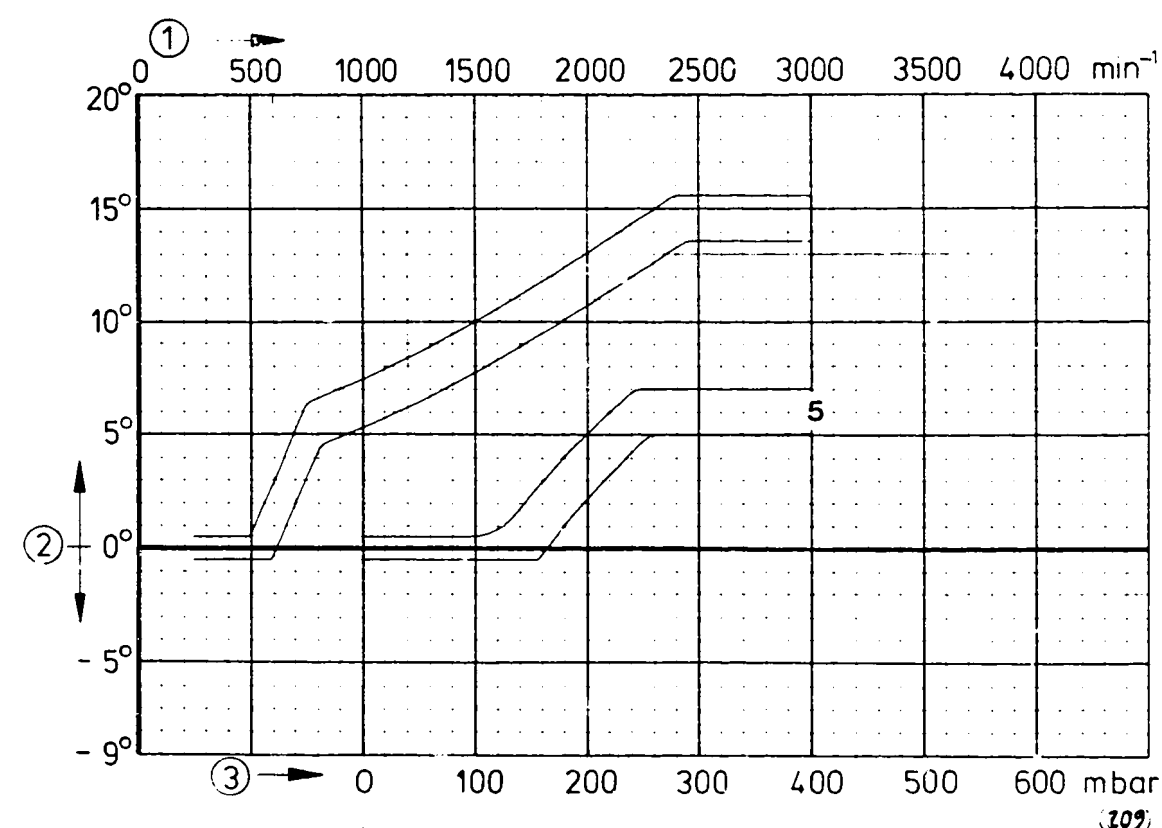
0 237 020 169 / 170

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



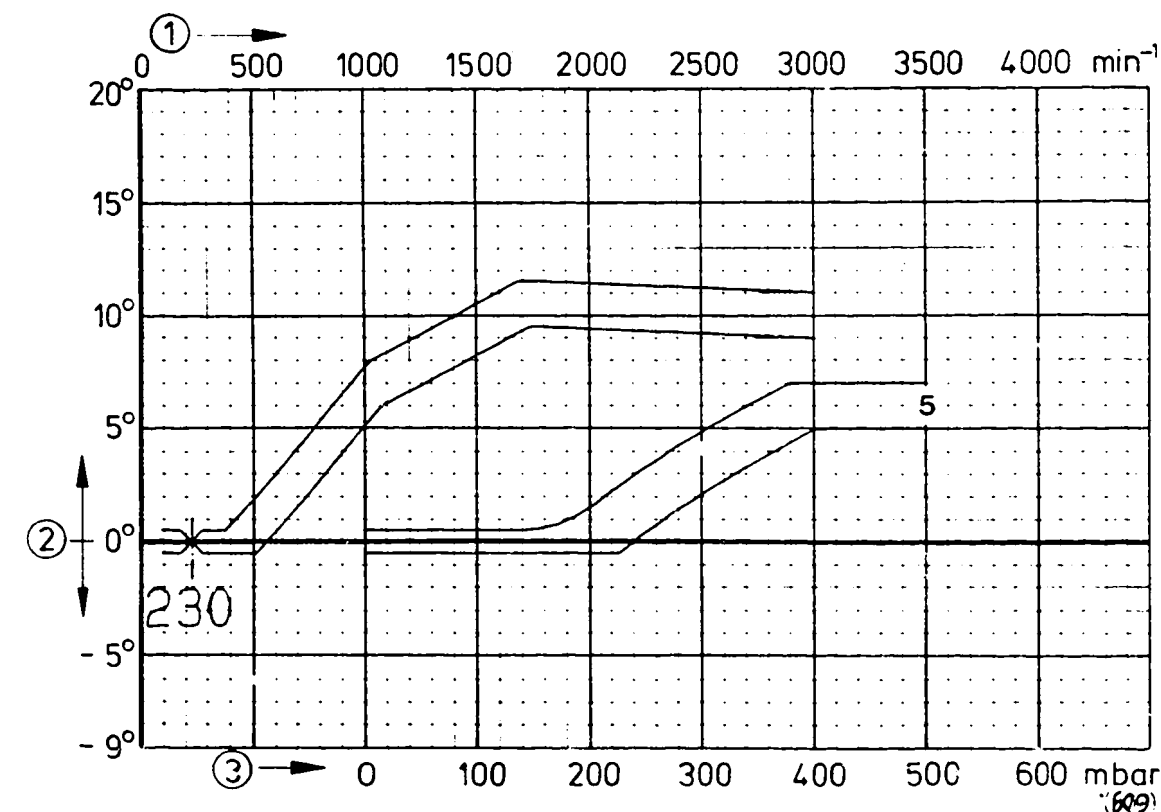
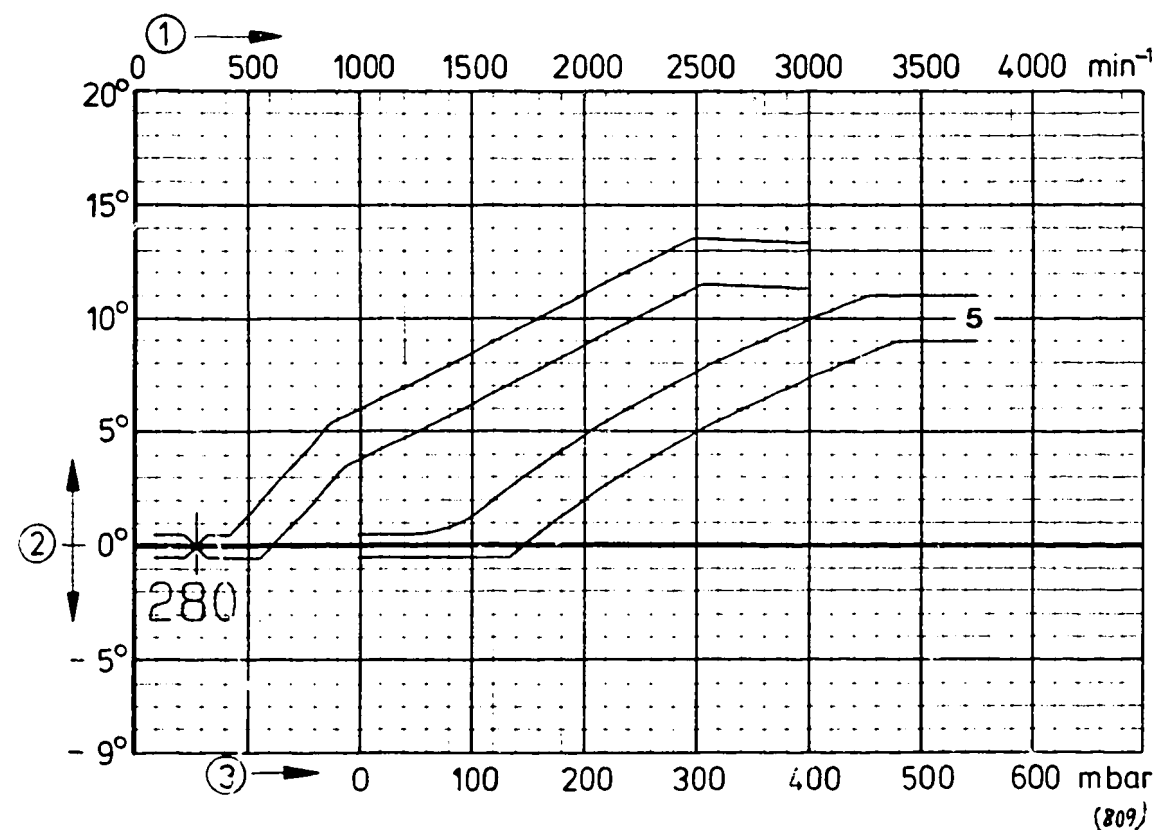
0 237 020 171 / 172

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

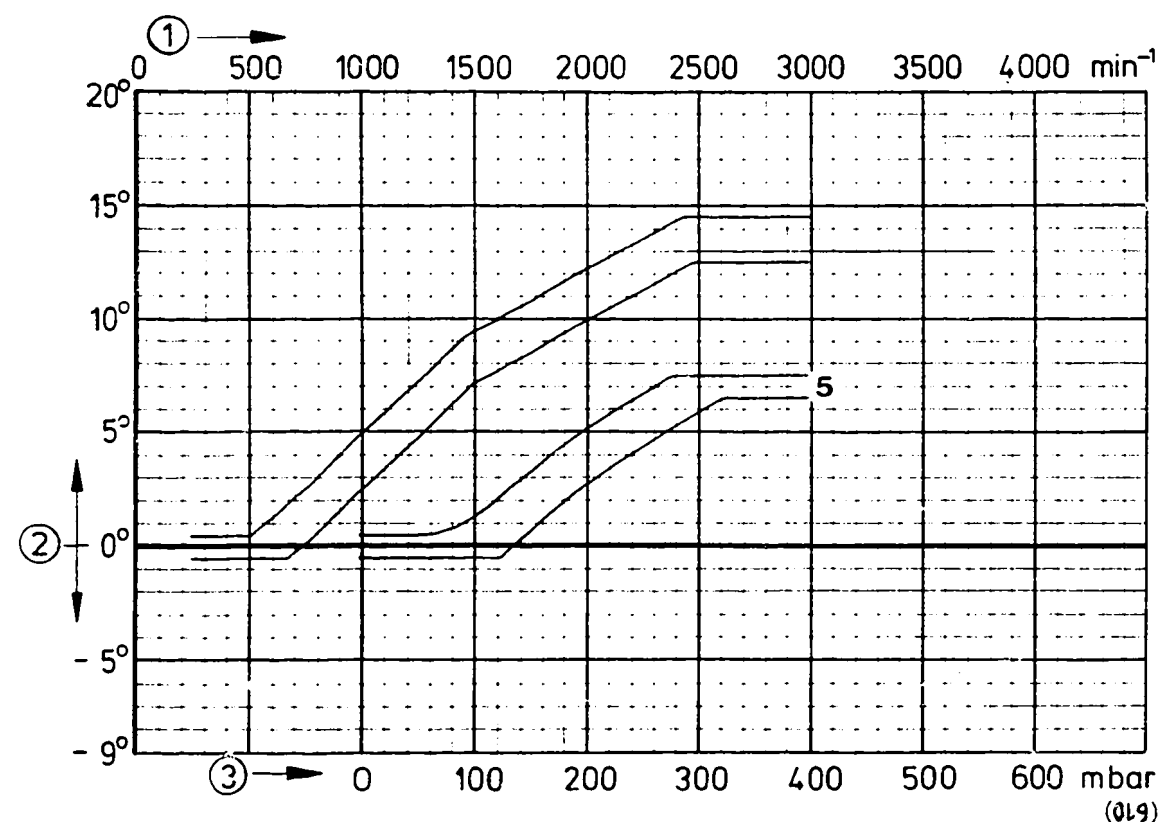
Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500





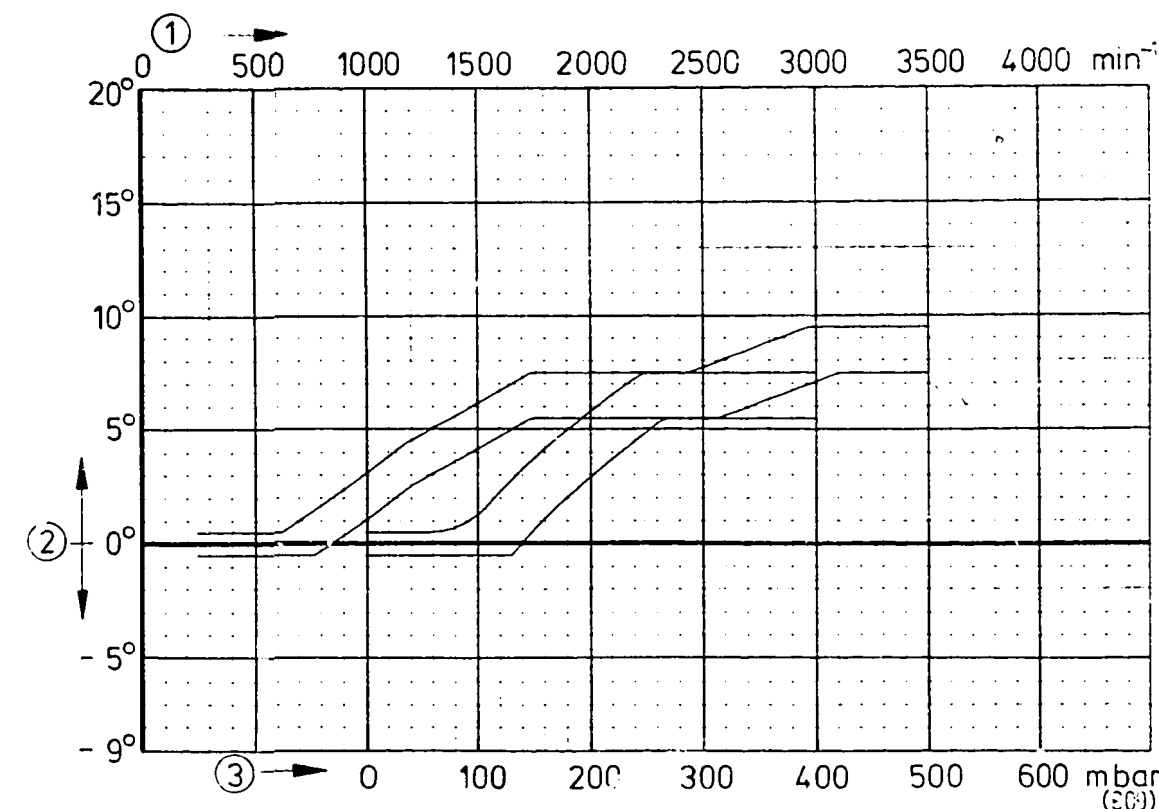


0 237 020 175 / 176

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

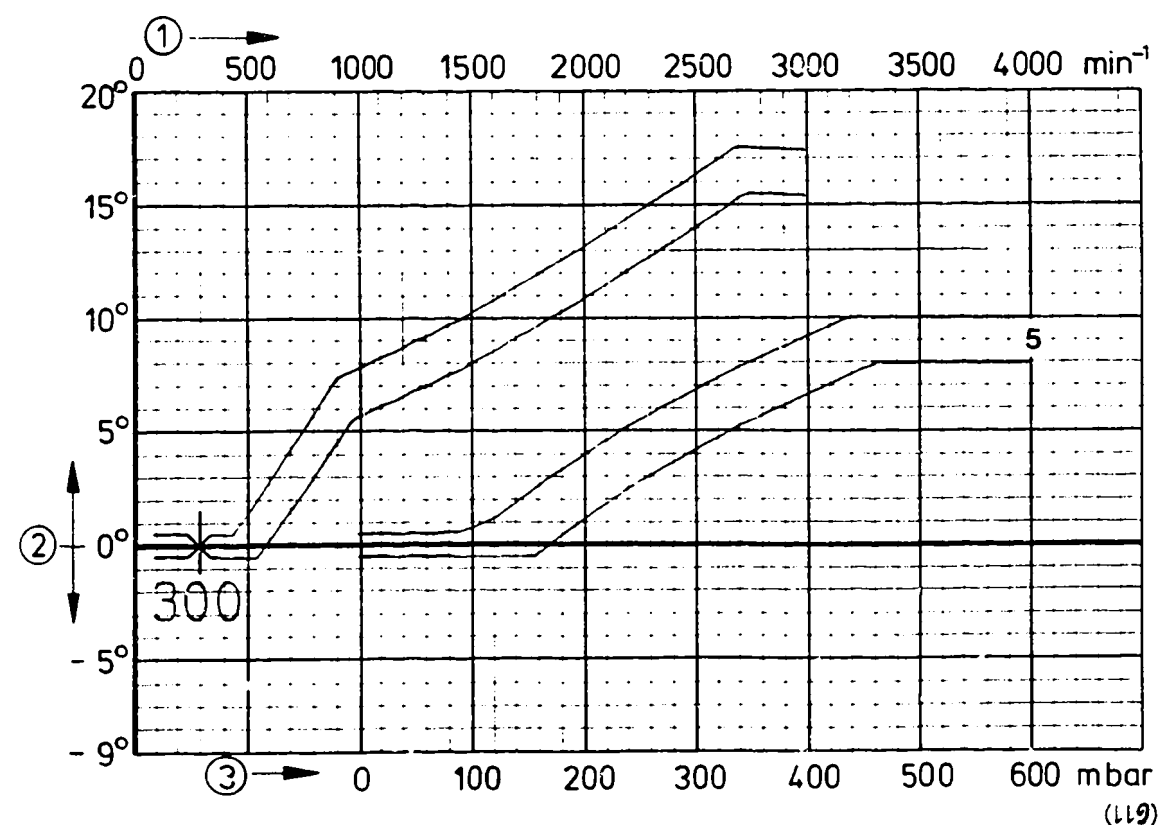


0 237 020 177 / 178

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



0 237 020 179

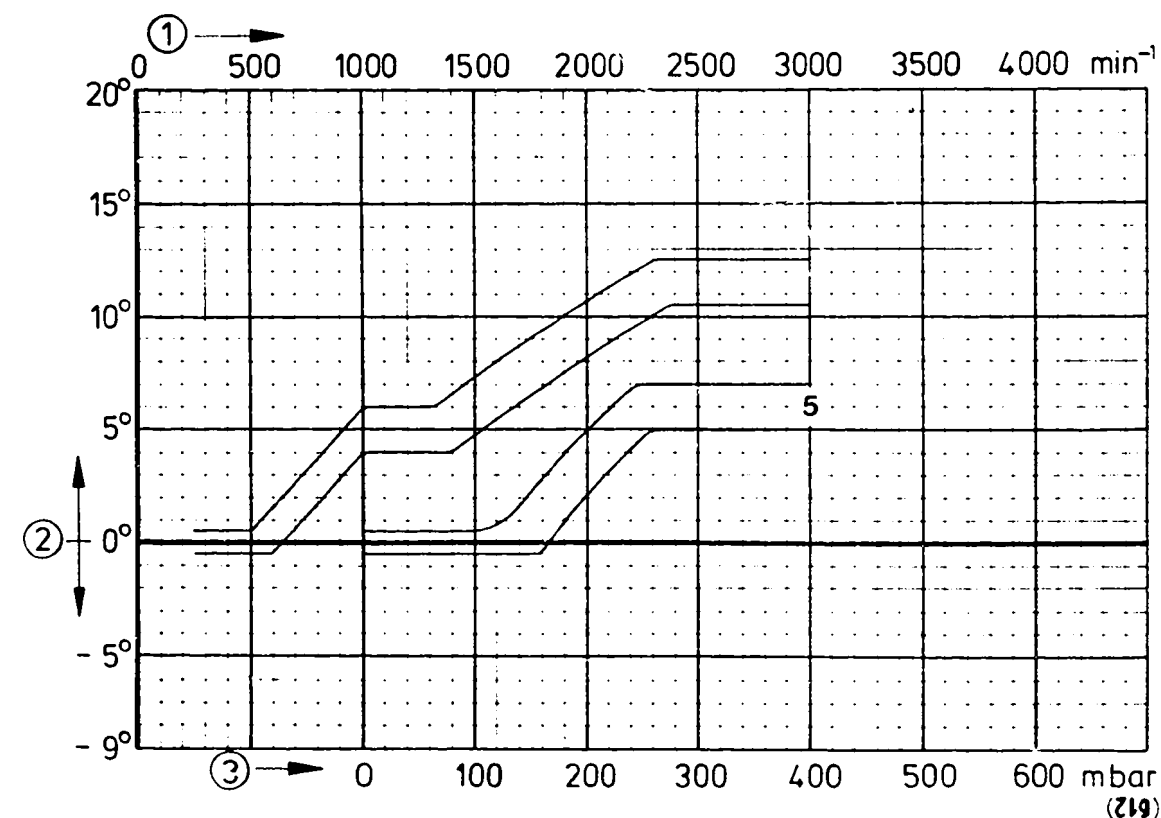
- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

Clamping flange 1 685 700 117  
Driver 1 686 400 007



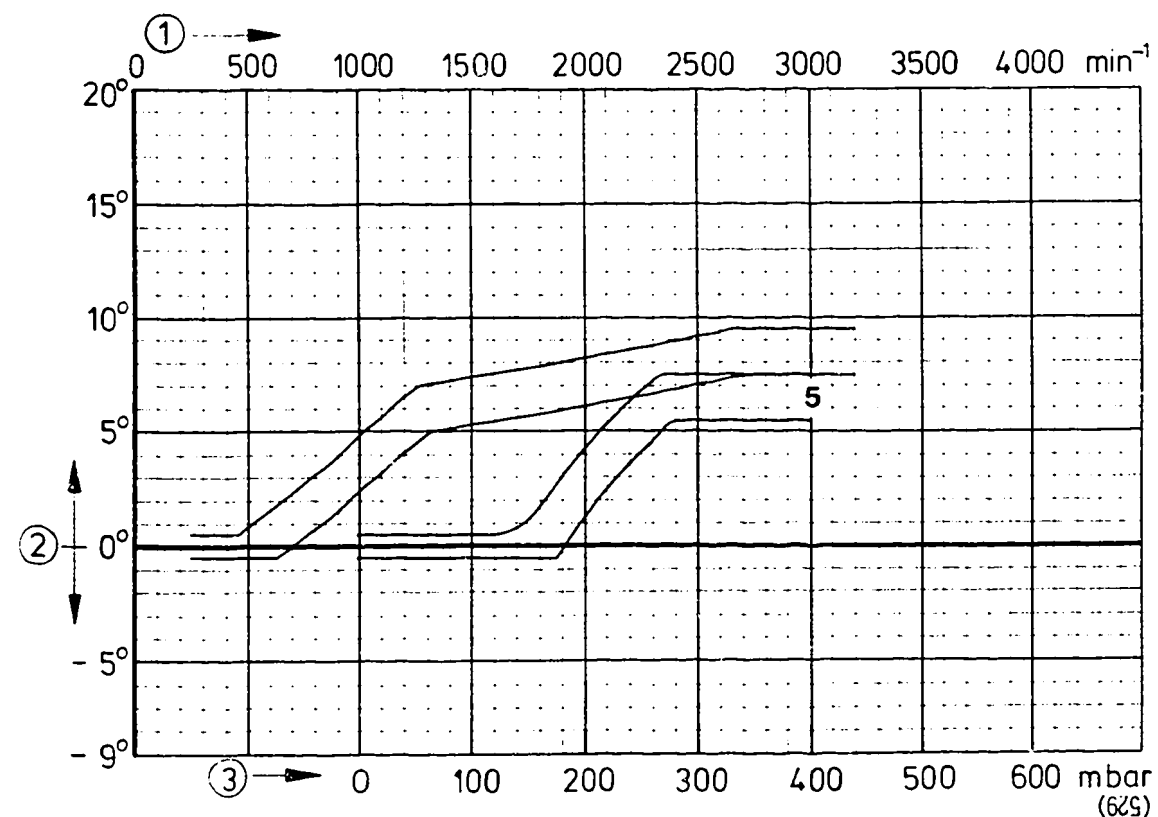
0 237 020 180 / 181

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Note:  
Assess centrifugal-advance curve with decreasing speed.

Repair and test instructions W-237/500



0 237 021 047 / 048

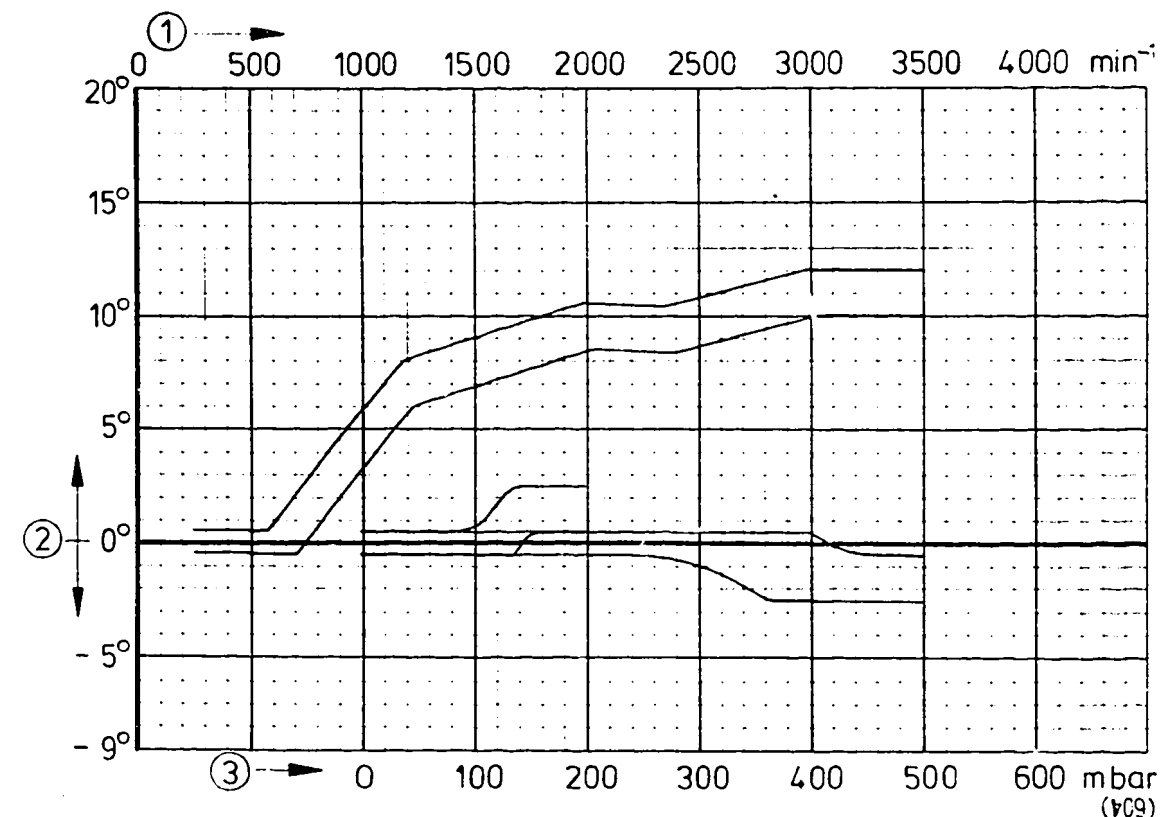
- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

Clamping flange 1 685 720 217  
 Driver 1 686 400 007  
 + Reduction 1 680 220 056

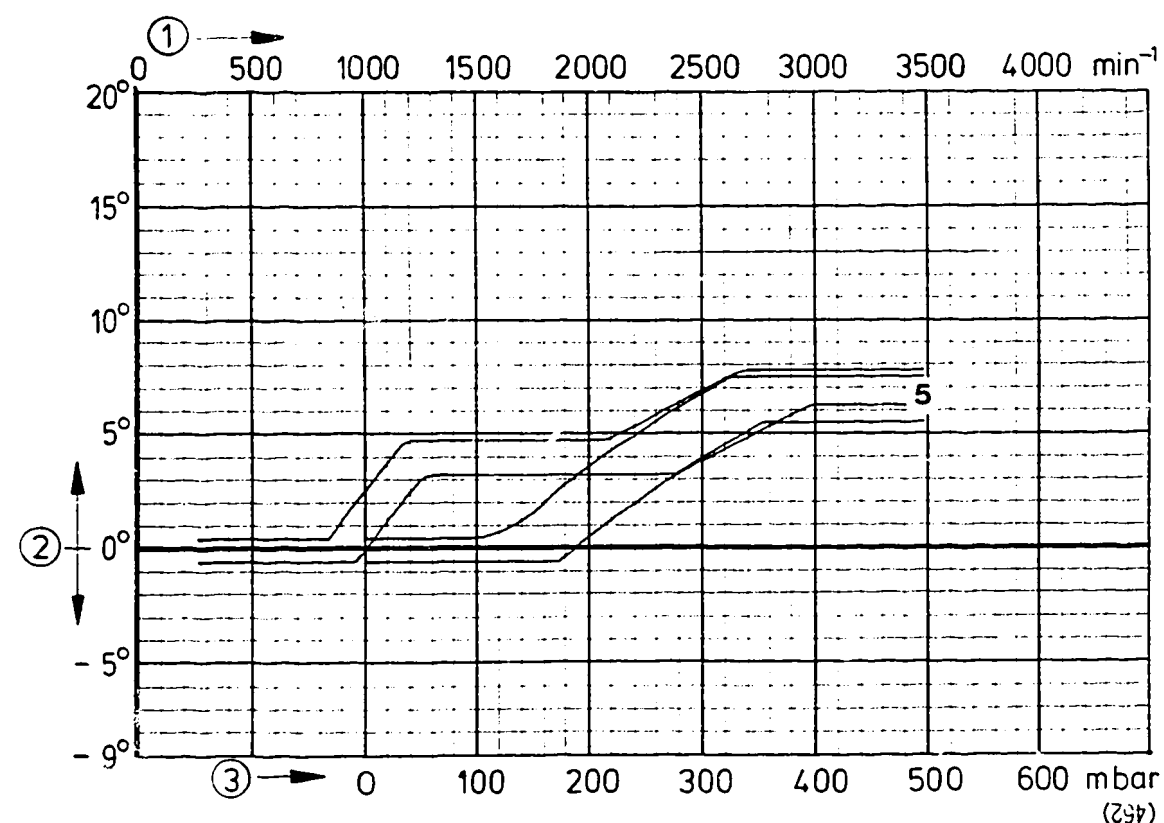


0 237 022 060 / 061

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

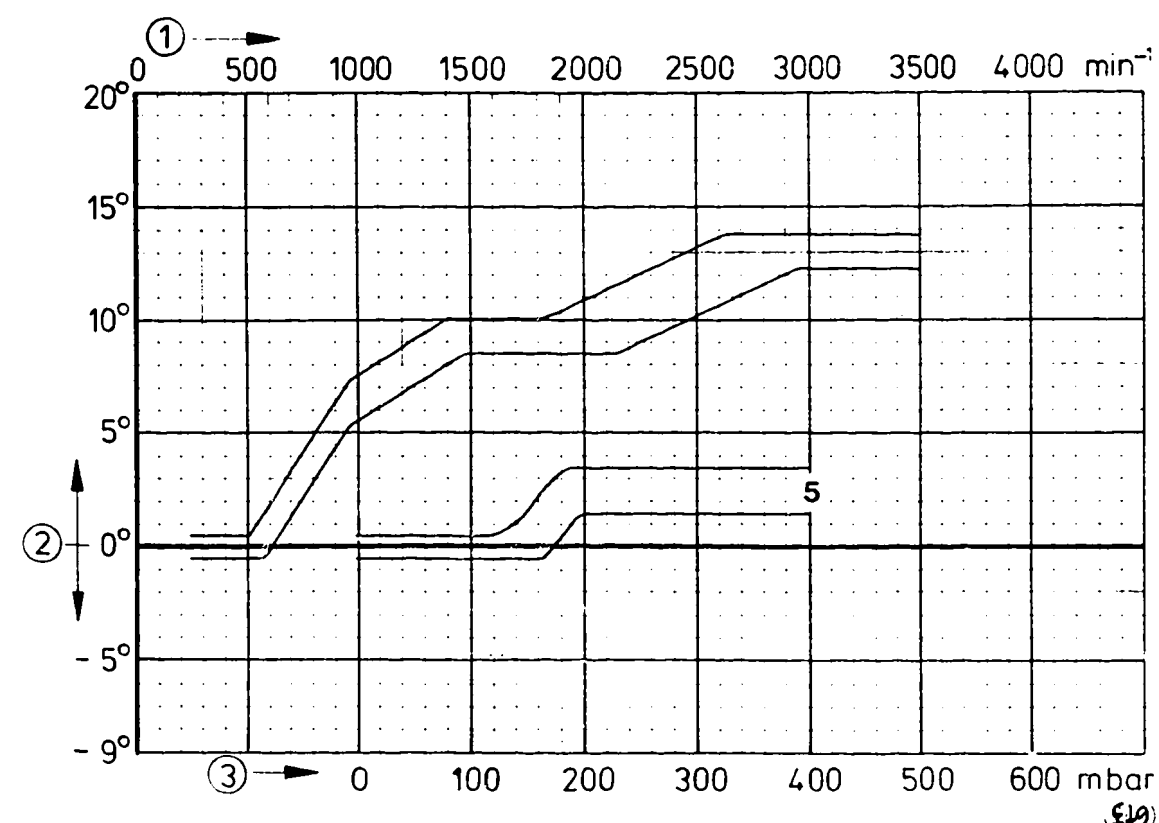


0 237 030 015 / 016

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed of limiter 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500

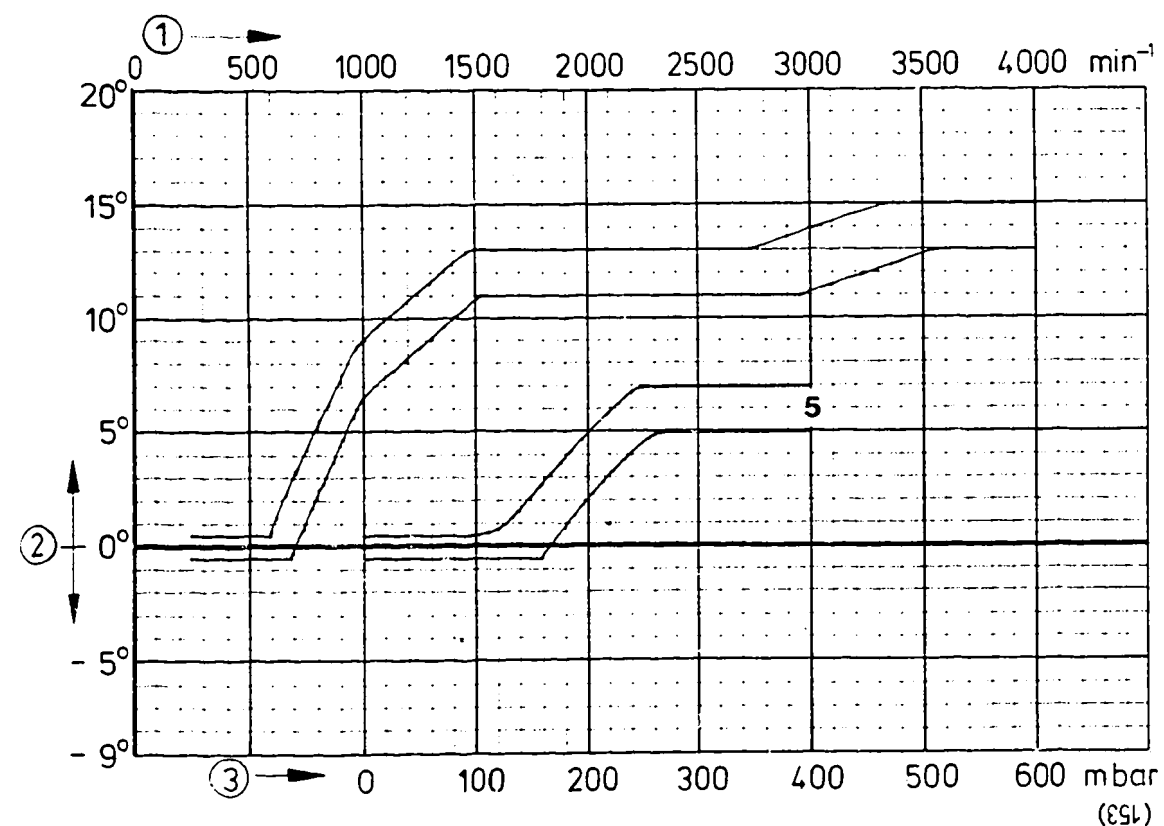


0 237 030 017 / 018

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Date of manufacture 545 ->  
 Cut-out speed of limiter 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500

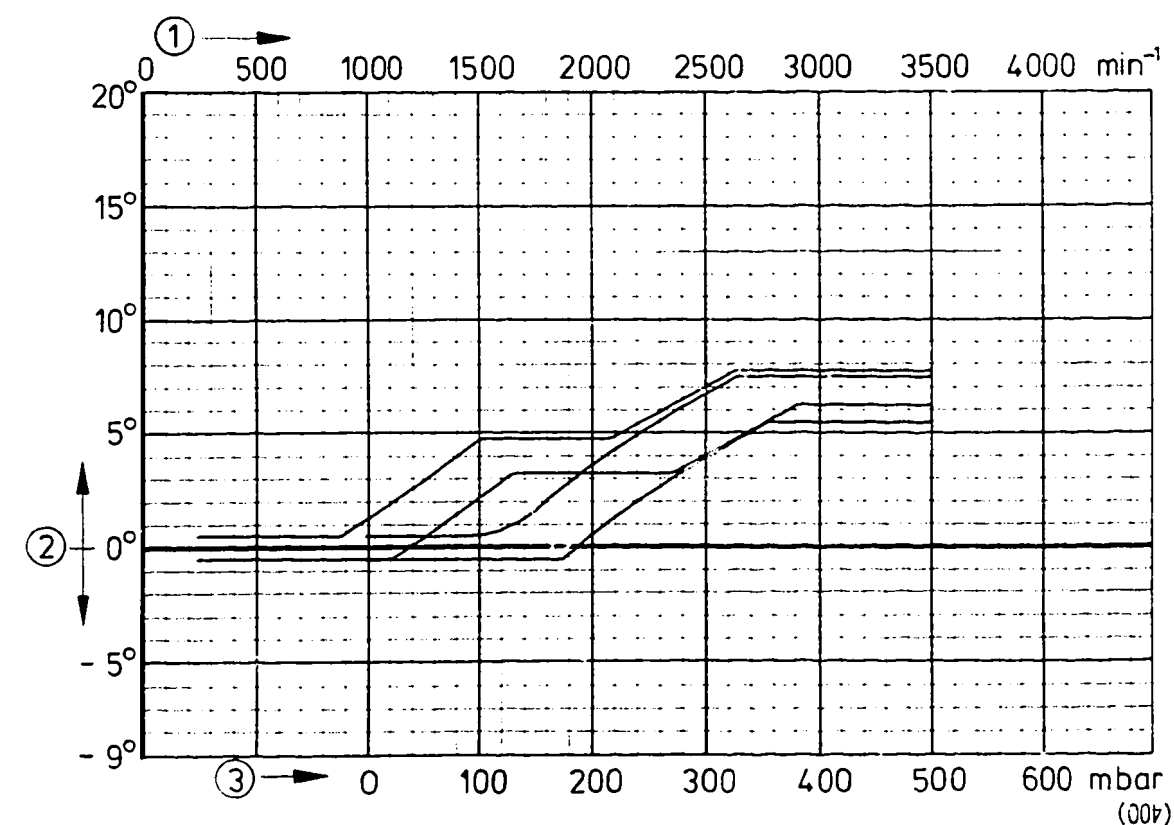


0 237 030 019 / 020

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

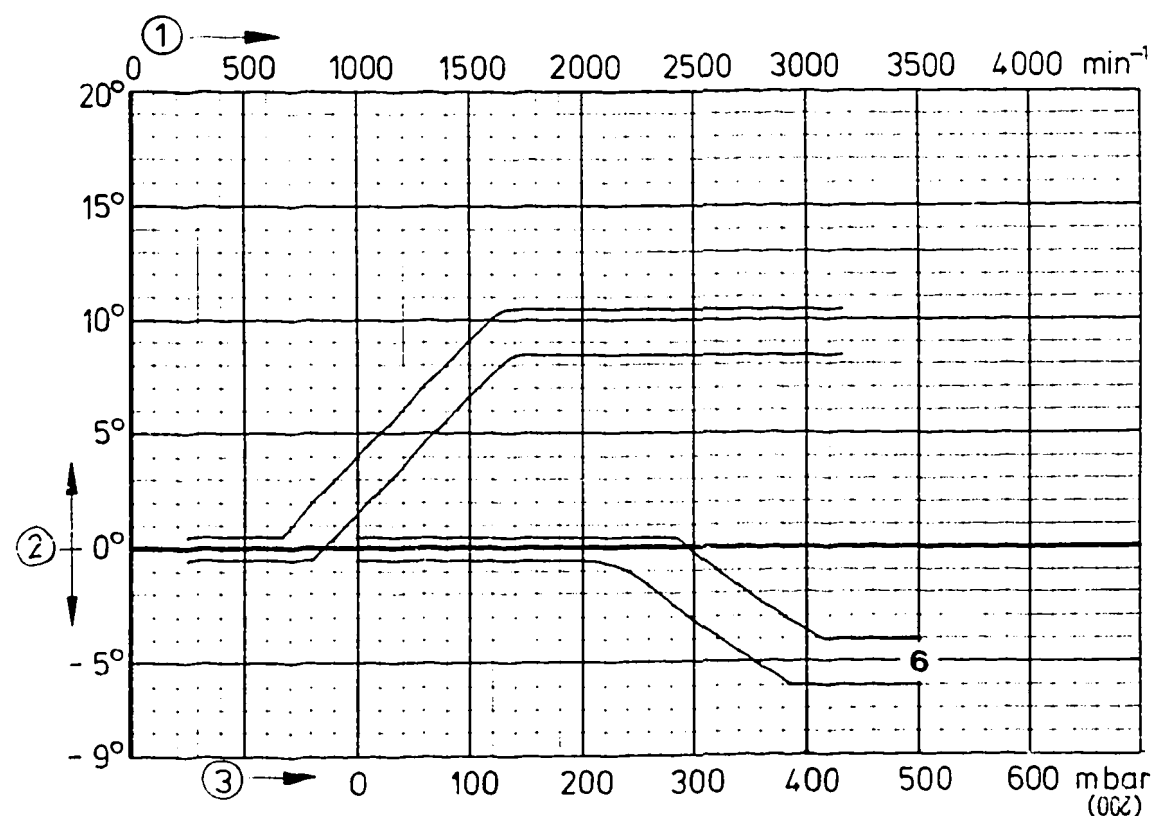


0 237 030 023 / 024

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed of limiter 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500

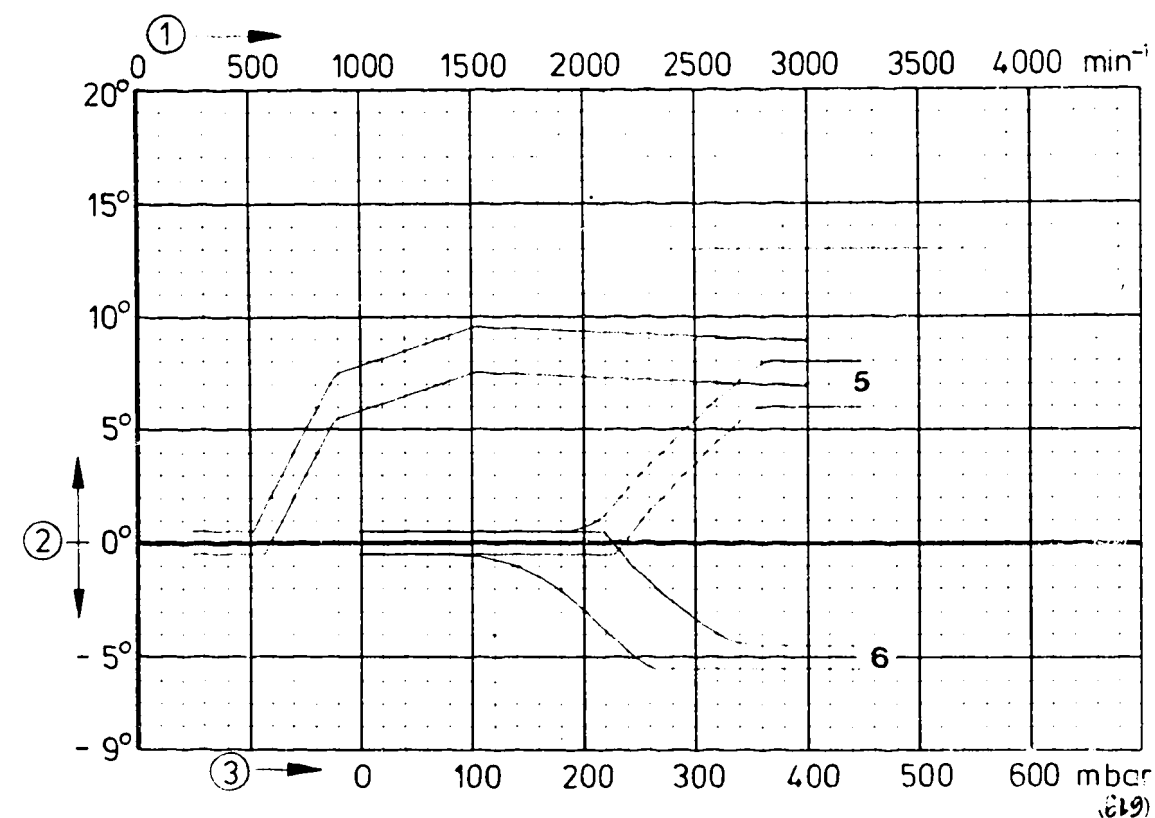


0 237 320 009

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/501

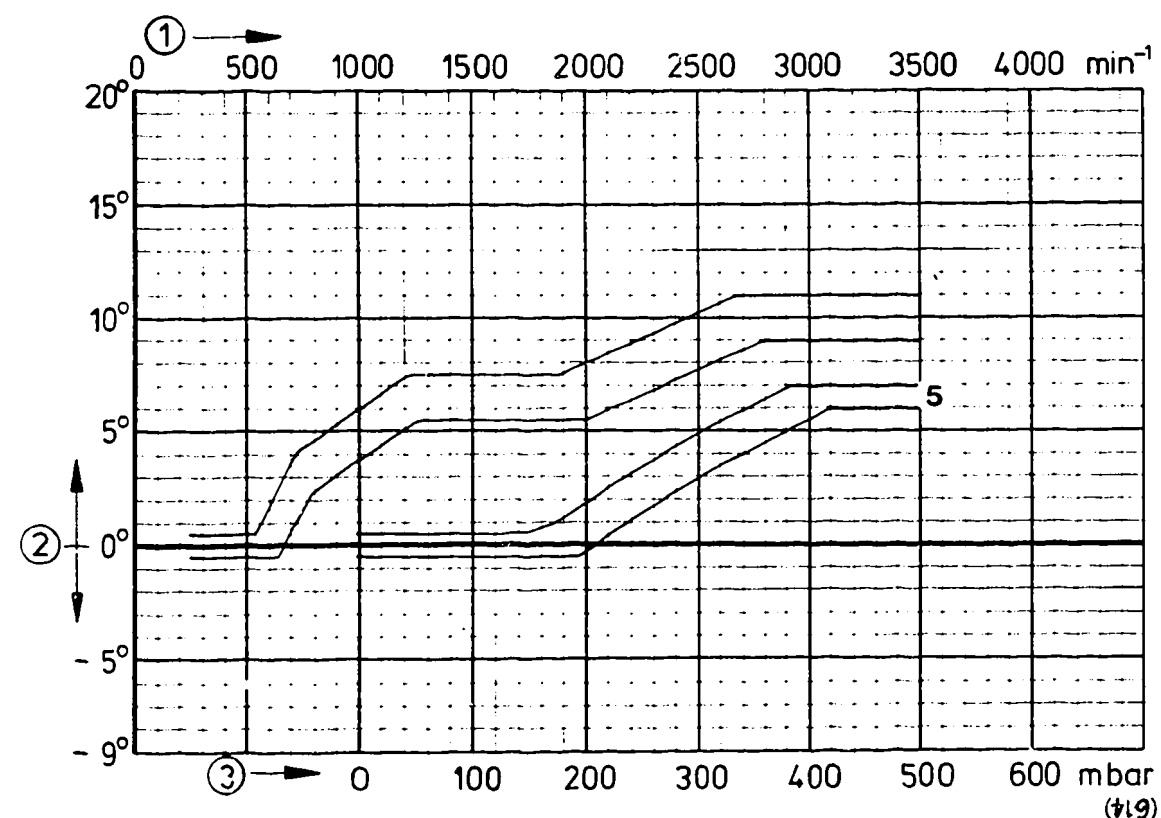


0 237 322 002

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/501

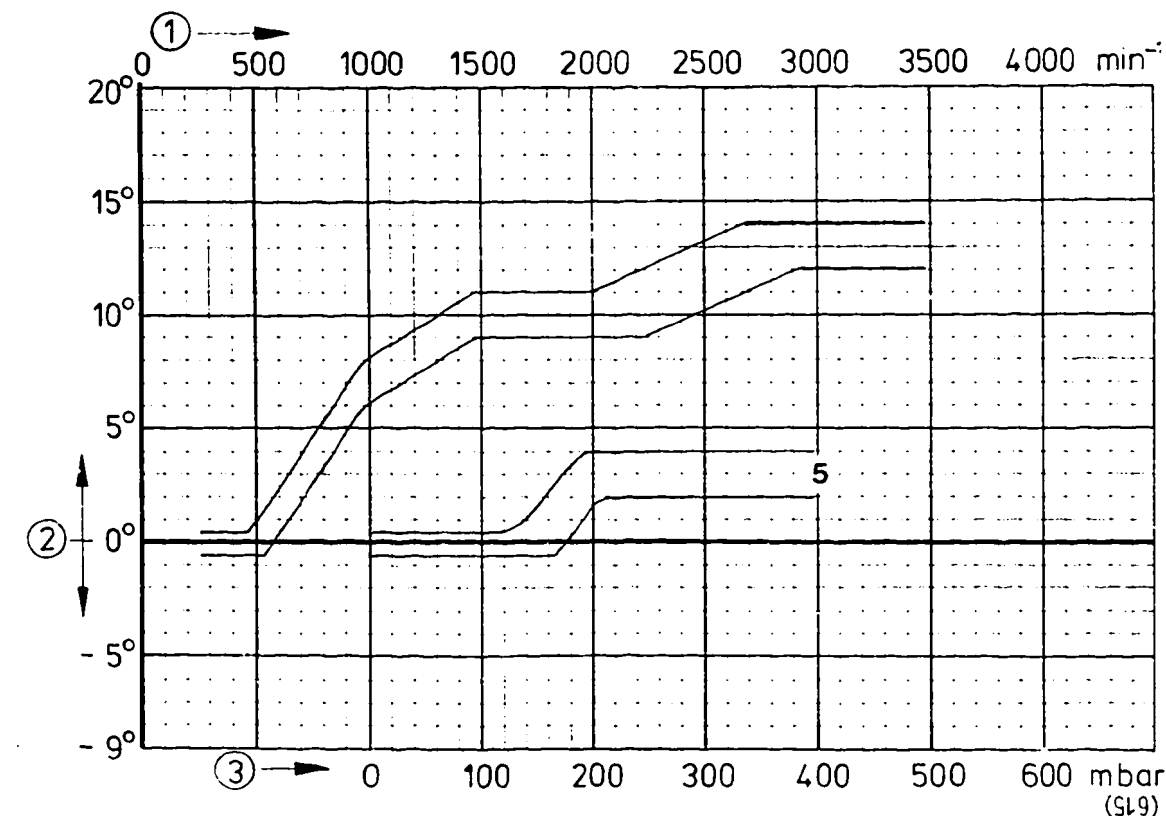


0 237 030 025 / 026

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

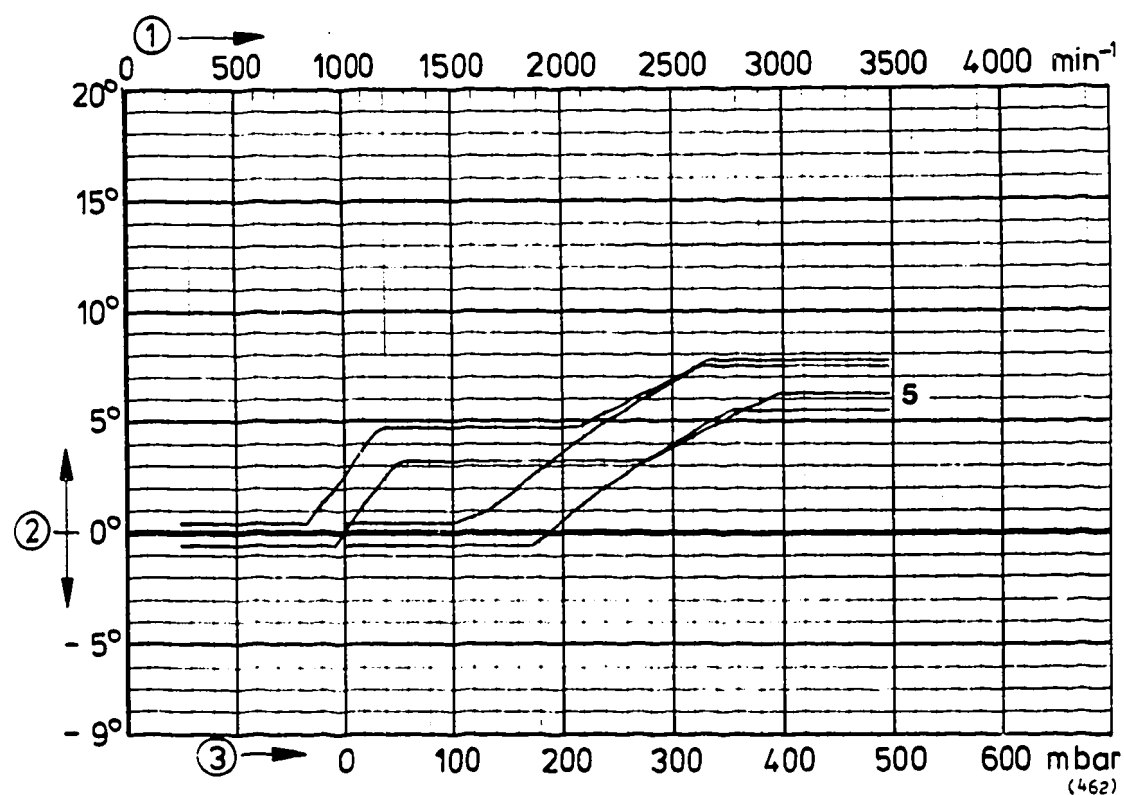


0 237 031 021 / 022

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS  
Date of manufacture  $\rightarrow$  544  
Cut-out speed of limiter 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500

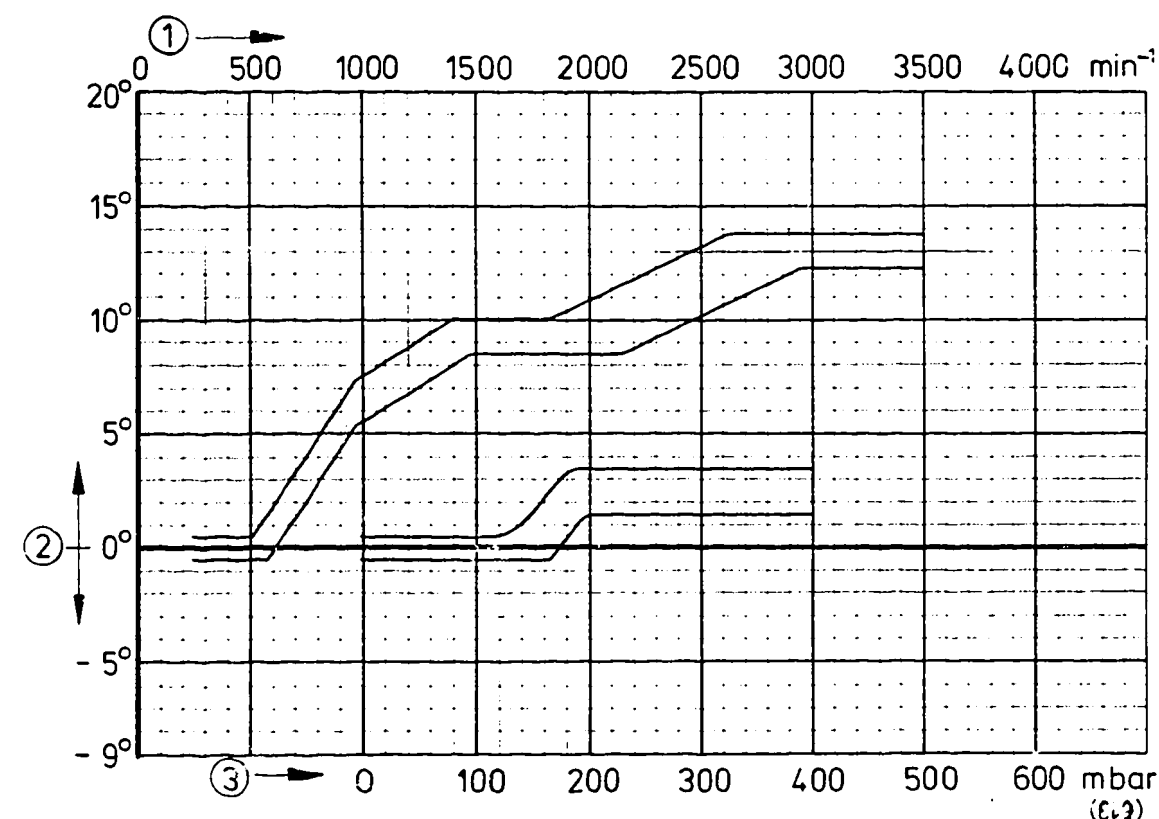


0 237 031 025 / 026

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-H
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Cut-out speed of limiter	3280 up to 3480 min <sup>-1</sup>

Repair and test instructions	W-237/500
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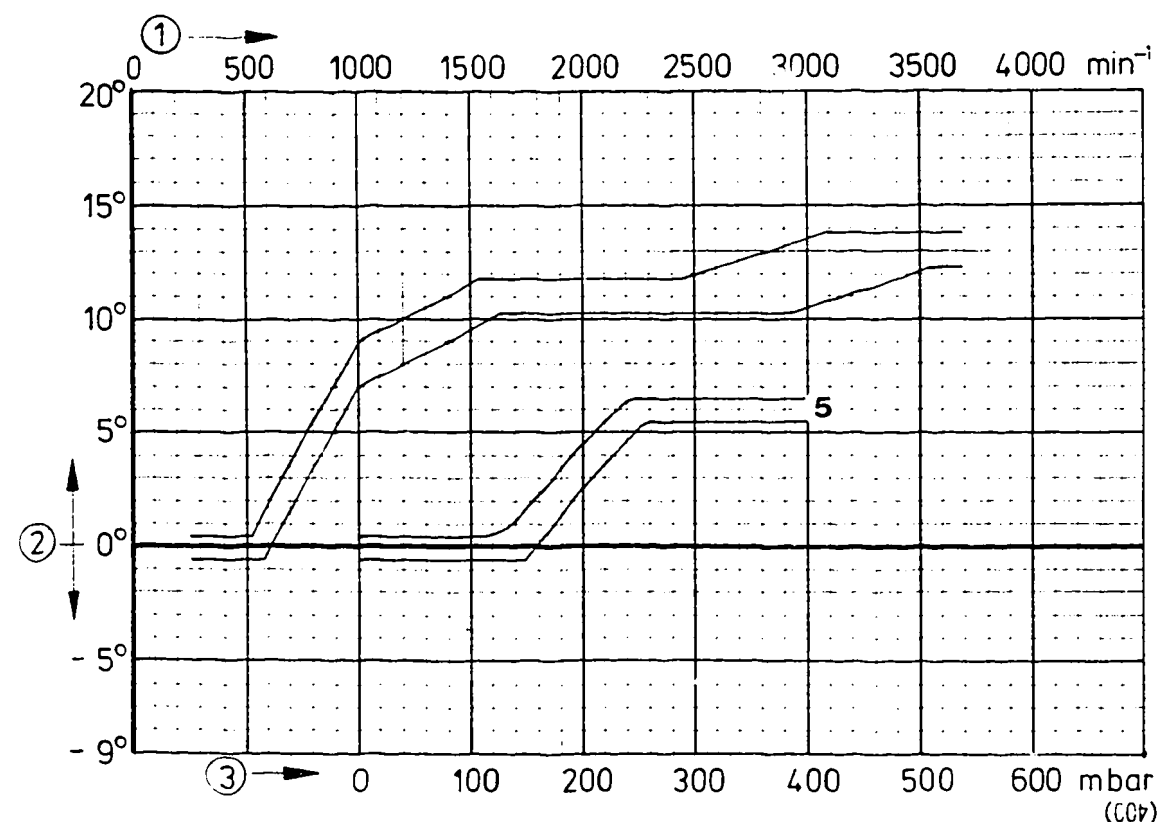
0 237 031 027 / 028

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-H
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Date of manufacture	545 ->
Cut-out speed of limiter	3280 up to 3480 min <sup>-1</sup>

Repair and test instructions	W-237/500
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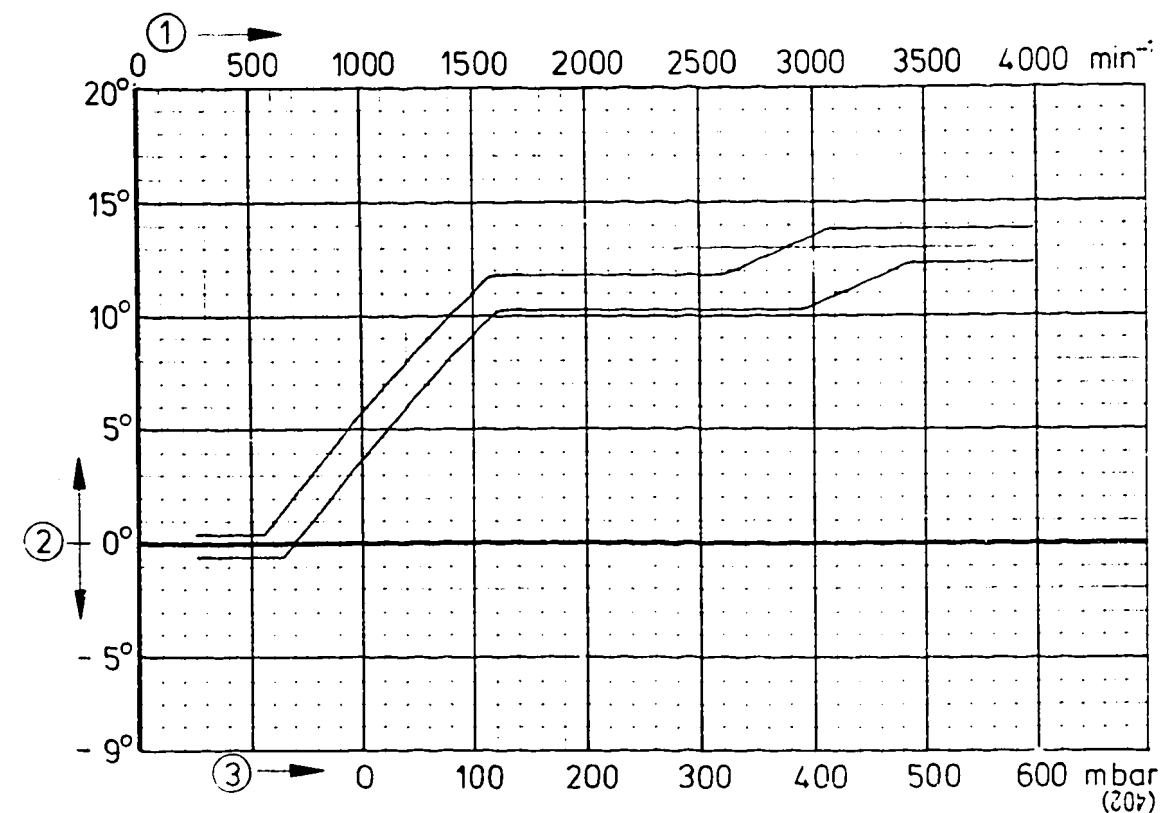


0 237 031 029 / 030

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed of limiter 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500

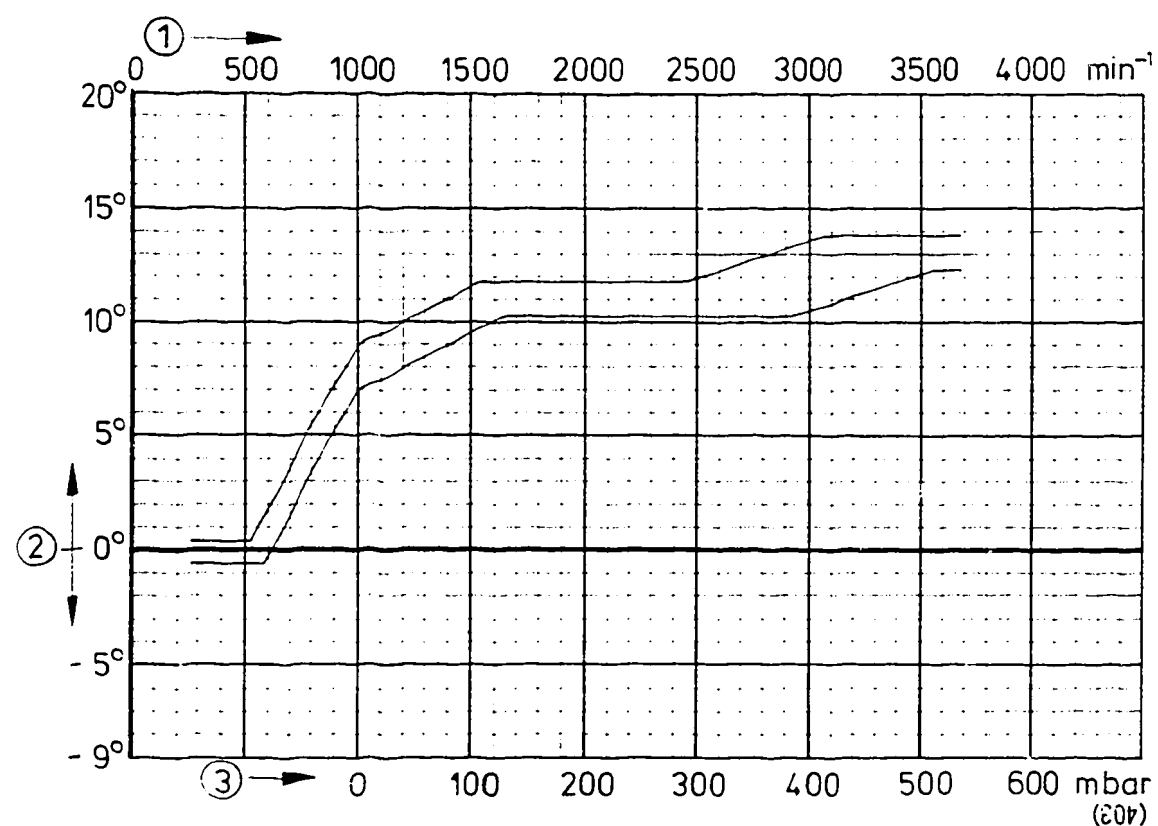


0 237 038 005 / 006

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Cut-out speed 1470 up to 1560 min<sup>-1</sup>

Repair and test instructions W-237/500



0 237 038 007 / 008

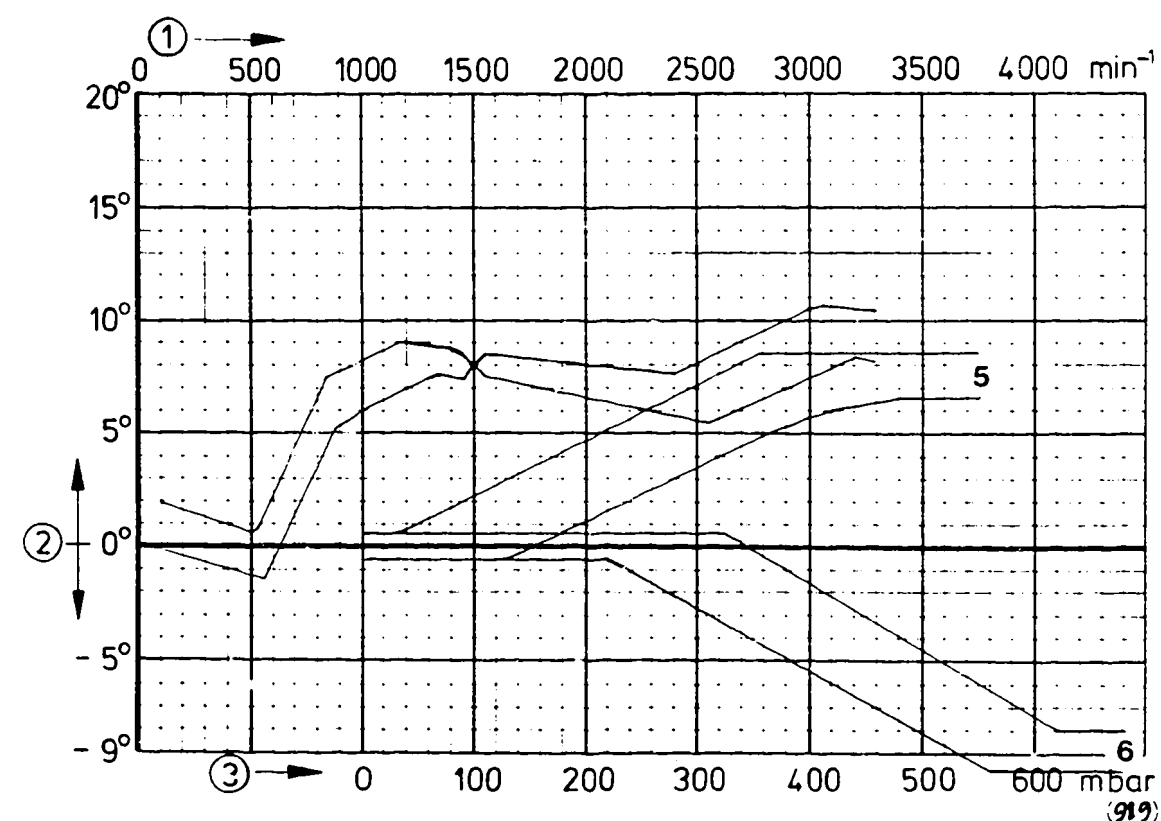
1 = Distributor-shaft speed  
2 = Distributor-shaft adjustment  
3 = Negative gauge pressure (vacuum)

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Cut-out speed 3280 up to 3480 min<sup>-1</sup>

Repair and test instructions W-237/500



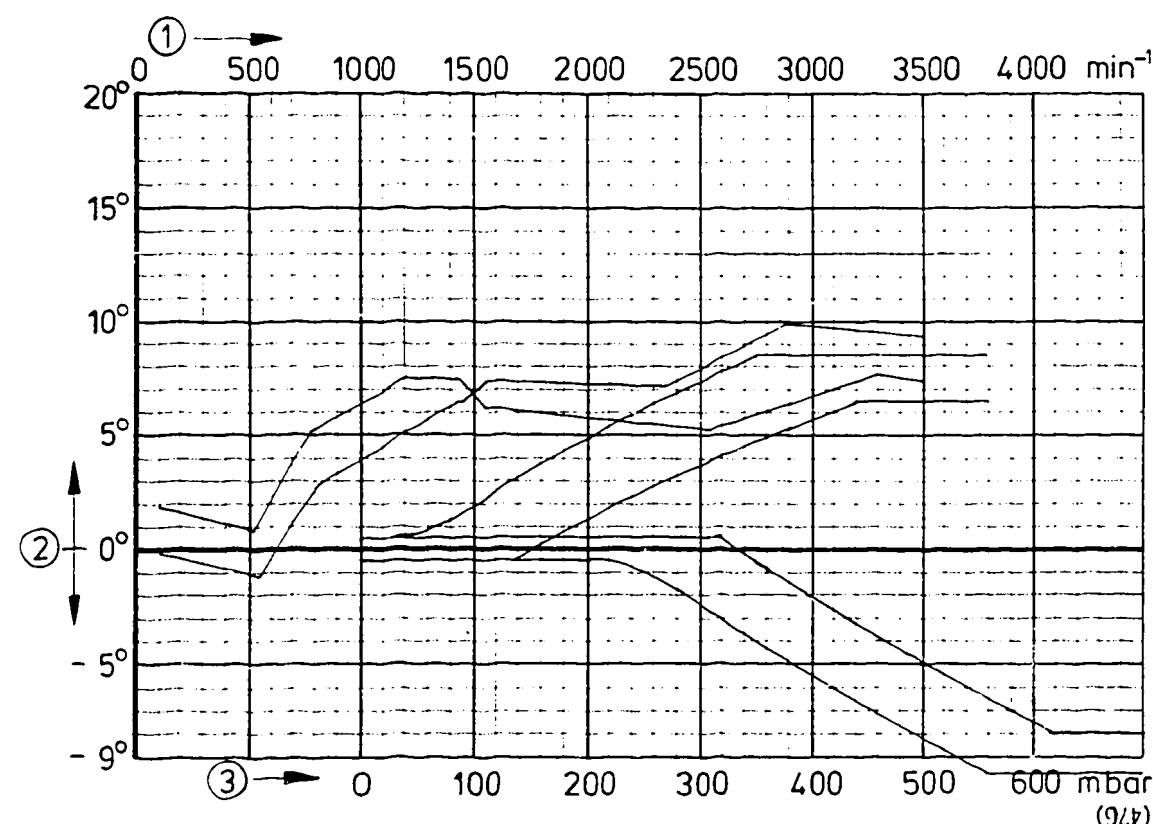
0 237 304 032

1 = Distributor-shaft speed  
2 = Distributor-shaft adjustment  
3 = Negative gauge pressure (vacuum)  
5 = Negative gauge pressure (vacuum) advance  
6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
Sensor resistance 950...1300  $\Omega$   
Air gap min. 040 mm  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/503

Clamping flange 1 685 720 214  
Driver 1 686 400 003



0 237 304 033

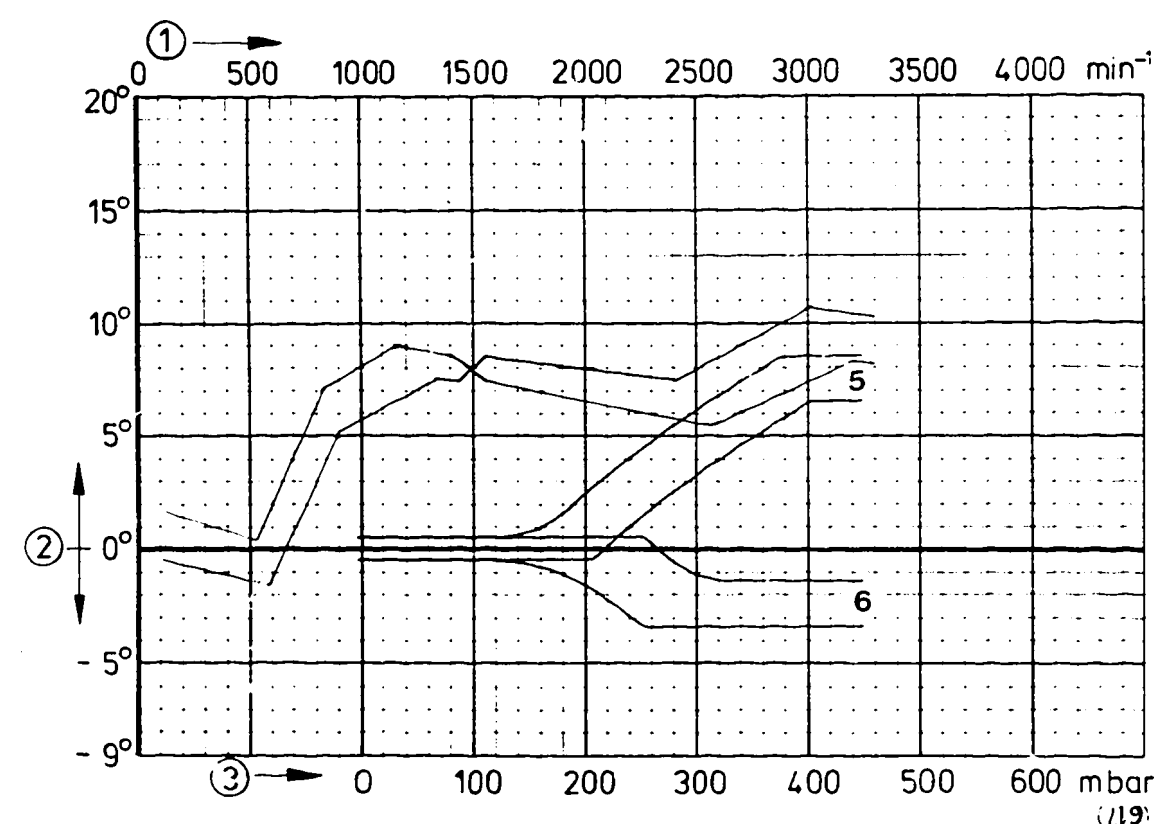
- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,40 mm  
 Tolerance-band allowance ± 0.5° DS

Note:  
 Double vacuum unit attached in retard position;  
 retard has priority. In the case of advance there  
 must be no vacuum in the vacuum retard unit.

Repair and test  
 instructions W-237/503

Clamping flange 1 685 720 214  
 Driver 1 686 400 003



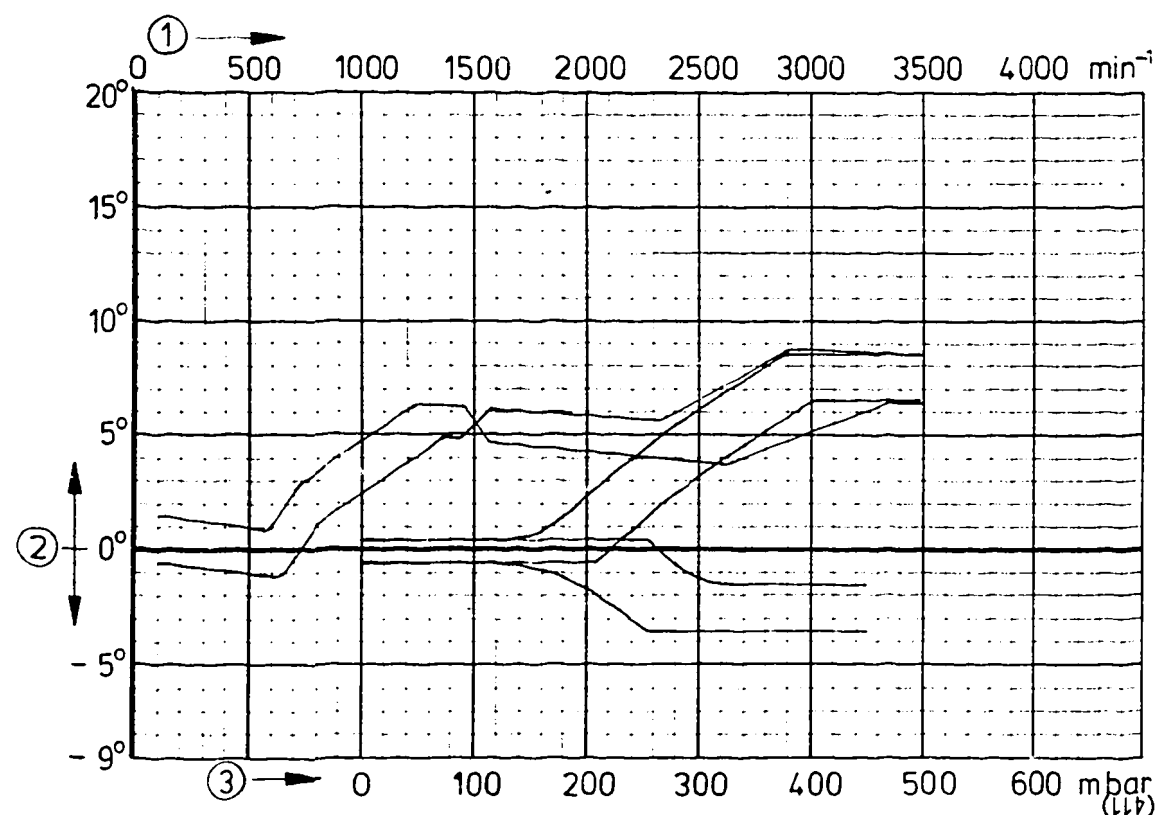
0 237 304 034

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,40 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test  
 instructions W-237/503

Clamping flange 1 685 720 214  
 Driver 1 686 400 003



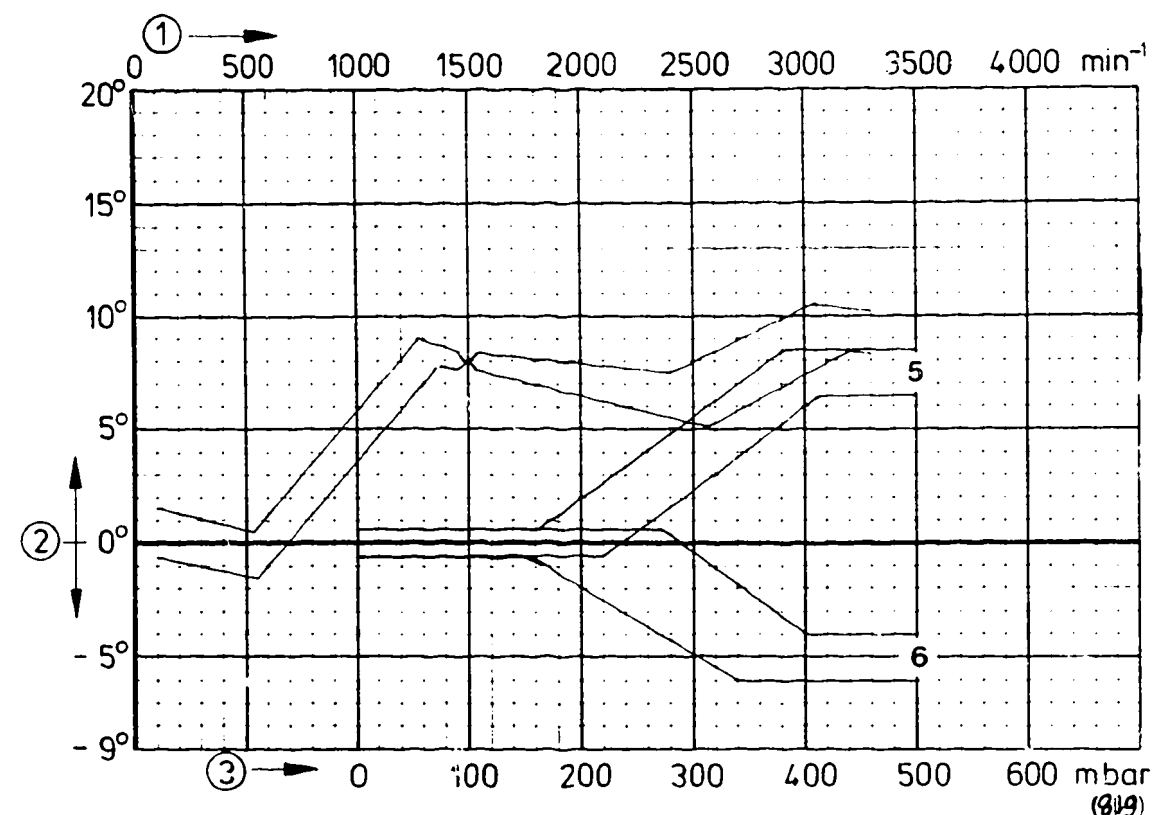
0 237 304 035

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,40 mm  
 Tolerance-band allowance ± 0.5° DS  
 Cut-out speed of limiter 3140 up to 3330 min⁻¹

Repair and test instructions W-237/503

Clamping flange 1 685 720 214  
 Driver 1 686 400 003



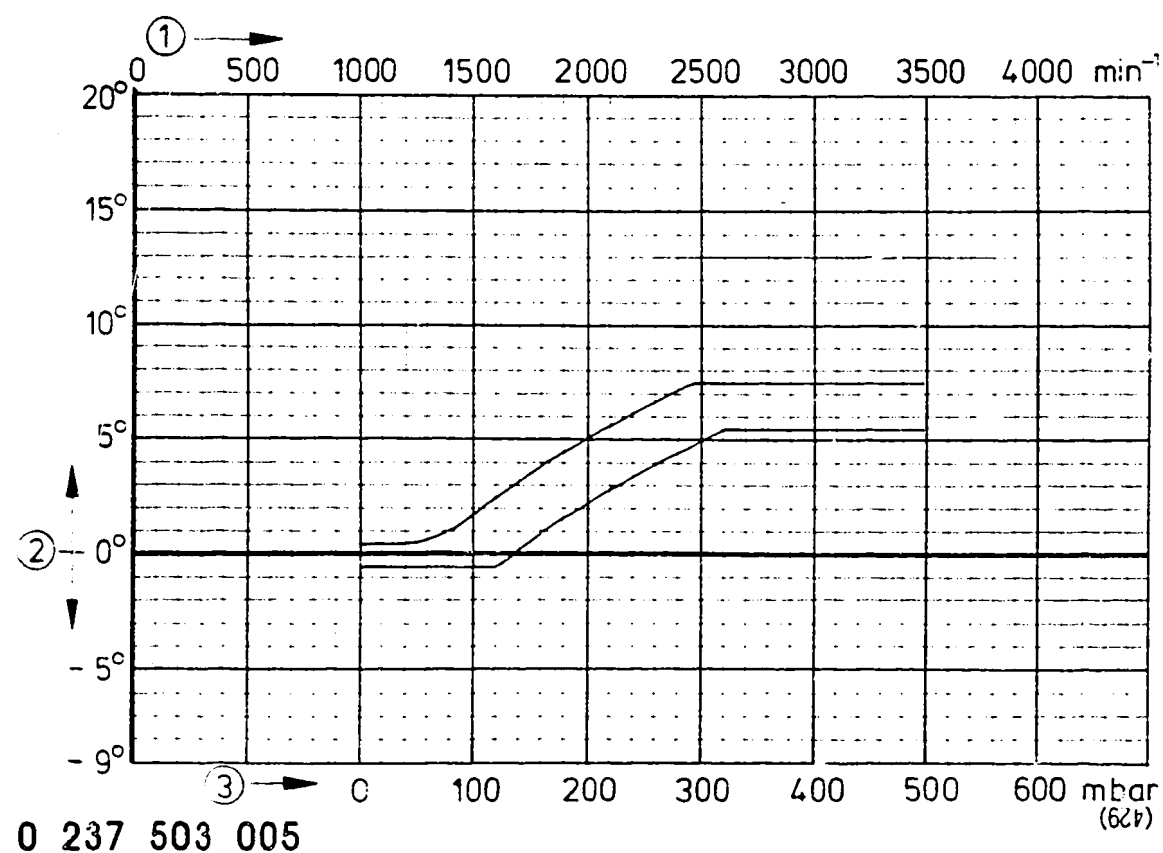
0 237 304 036

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 040 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/503

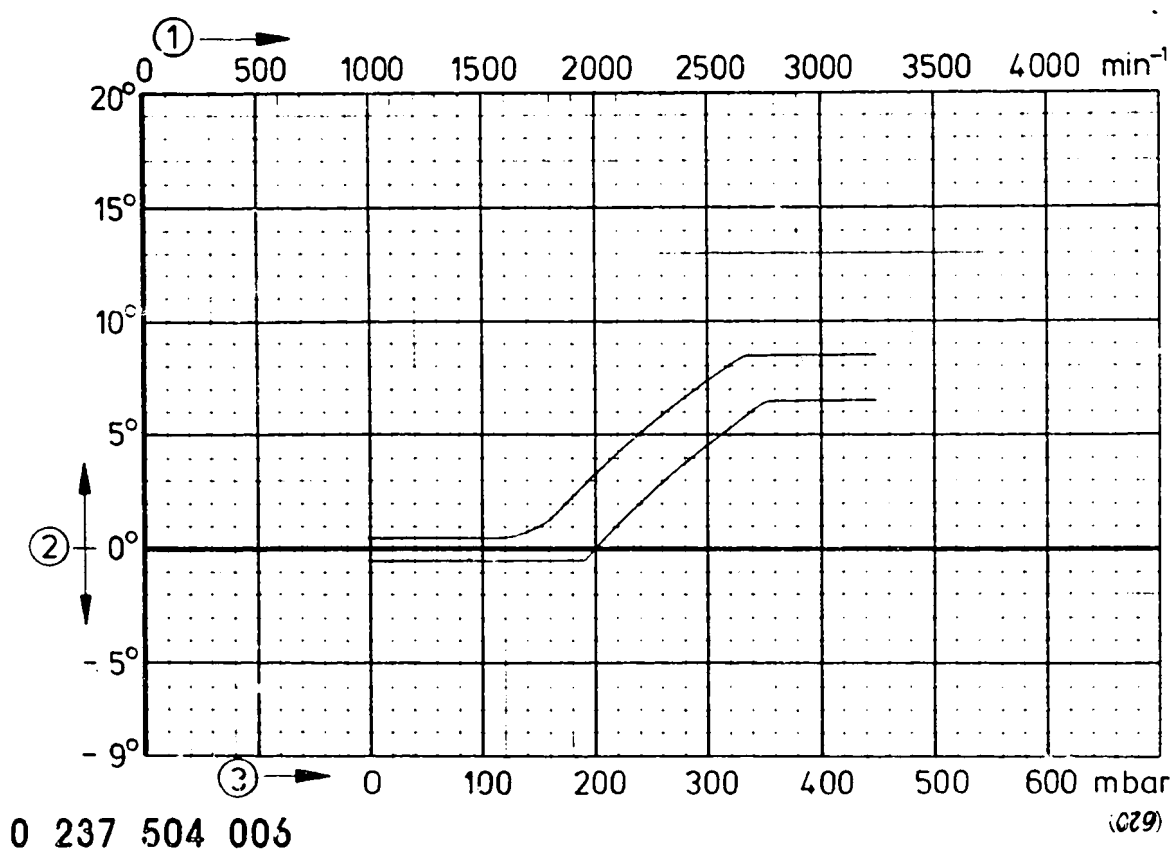
Clamping flange 1 685 720 214  
 Driver 1 686 400 003



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

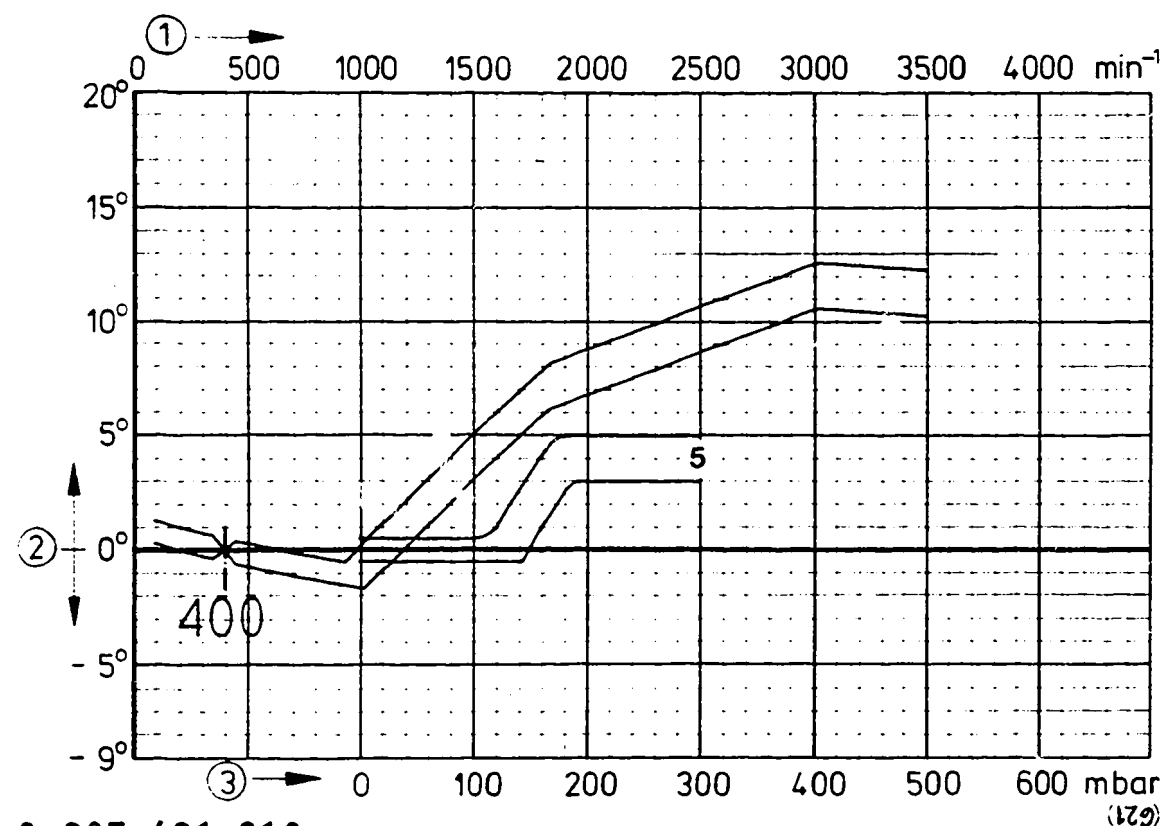
Repair and test instructions W-237/501



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

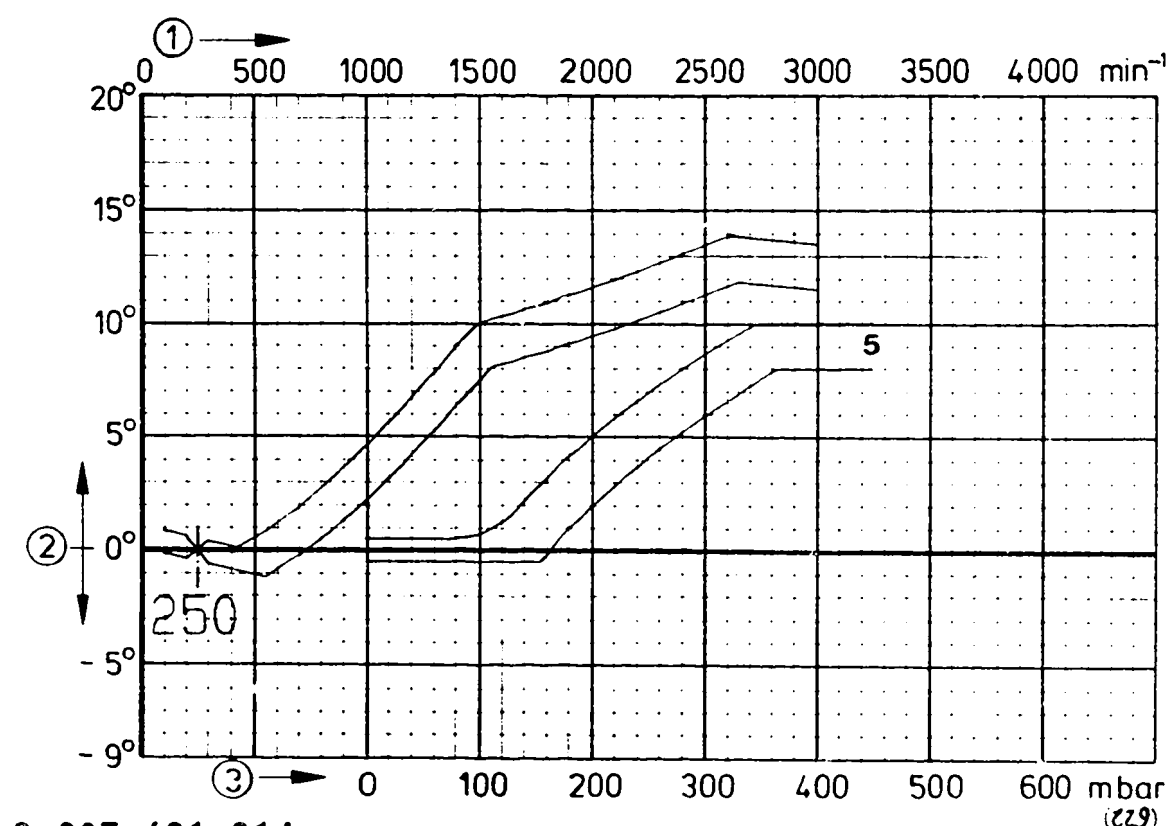


0 237 601 013

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

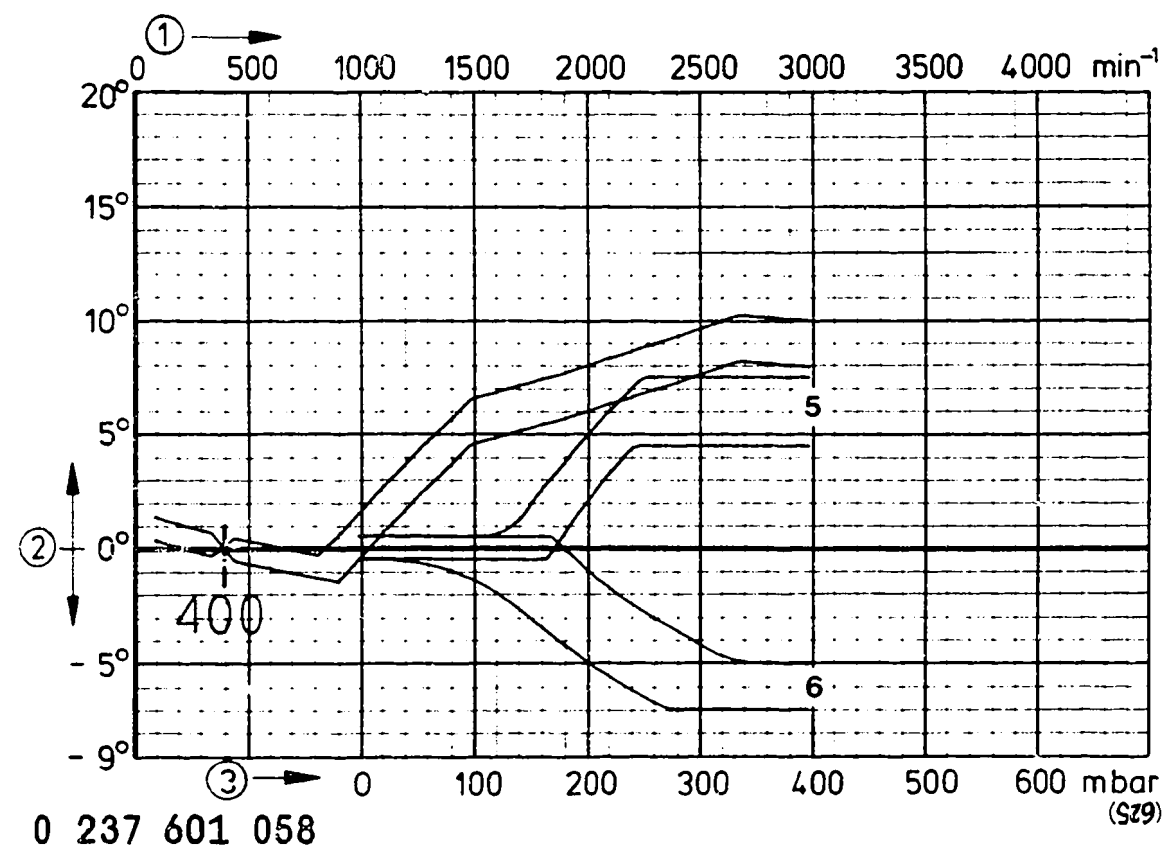


0 237 601 014

1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

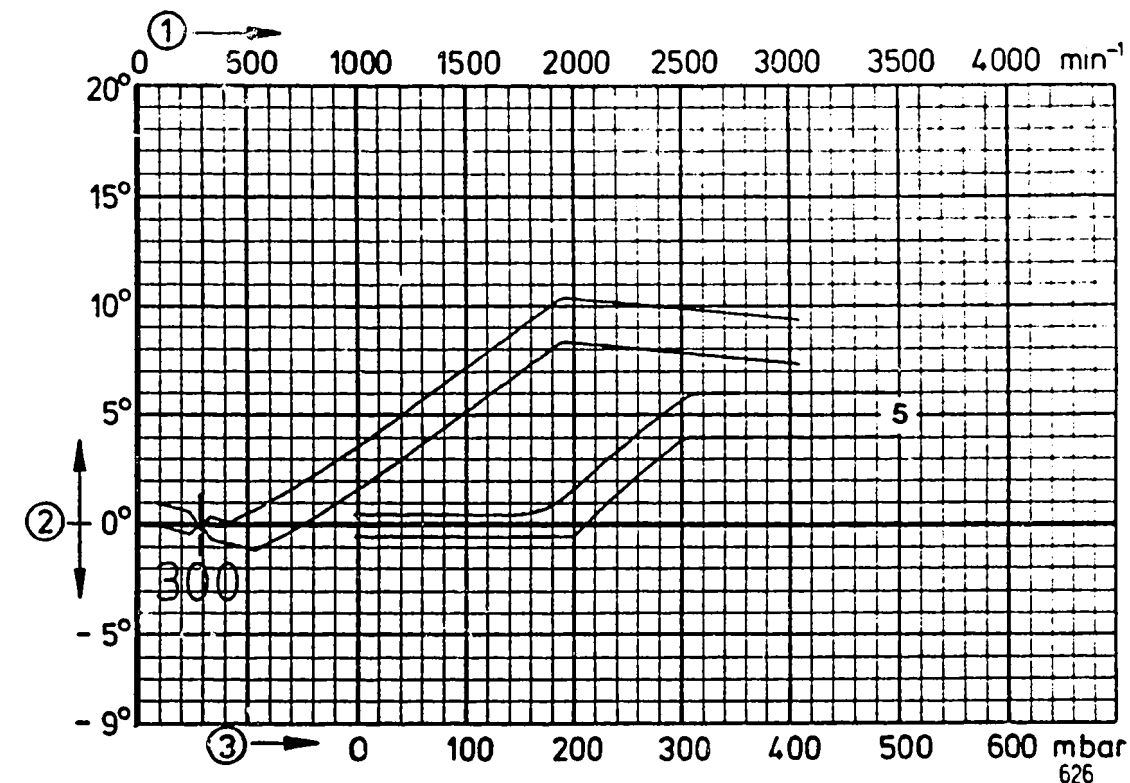
Repair and test instructions W-237/502



- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

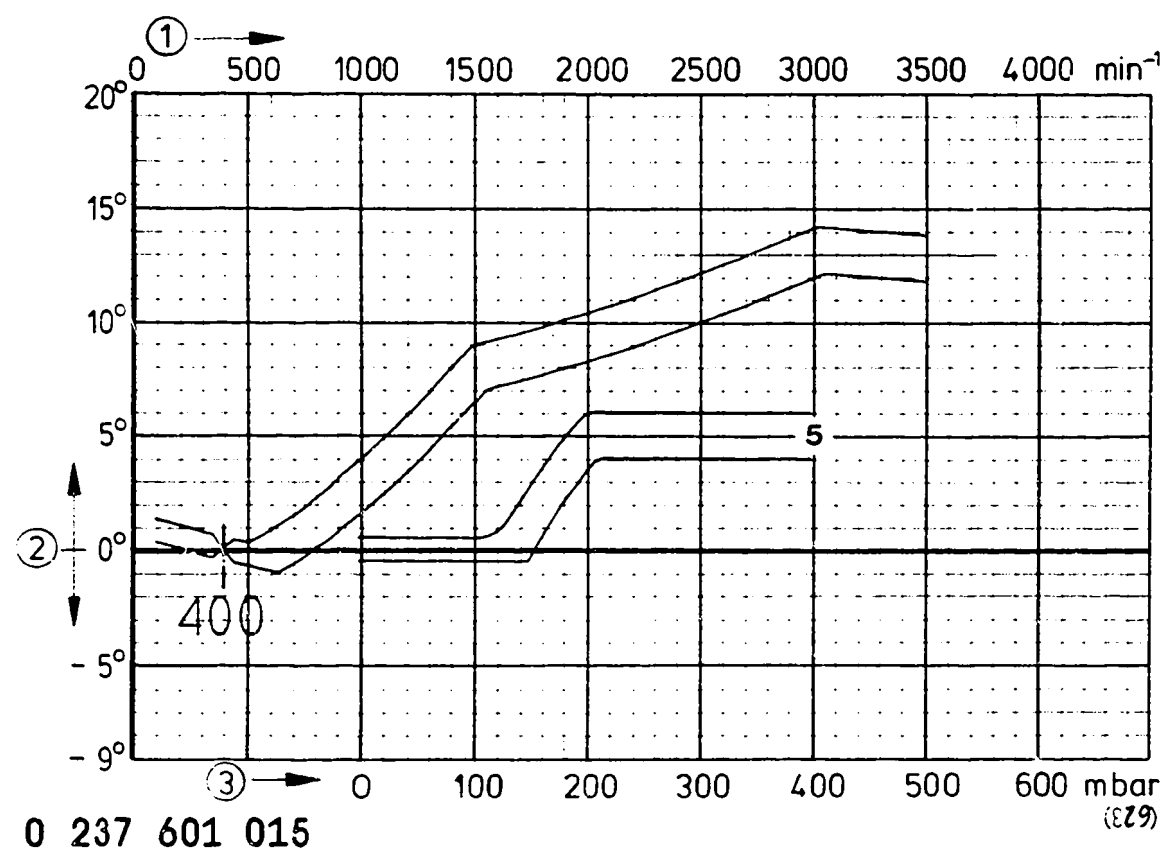
Repair and test instructions W-237/502



- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 505...680  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

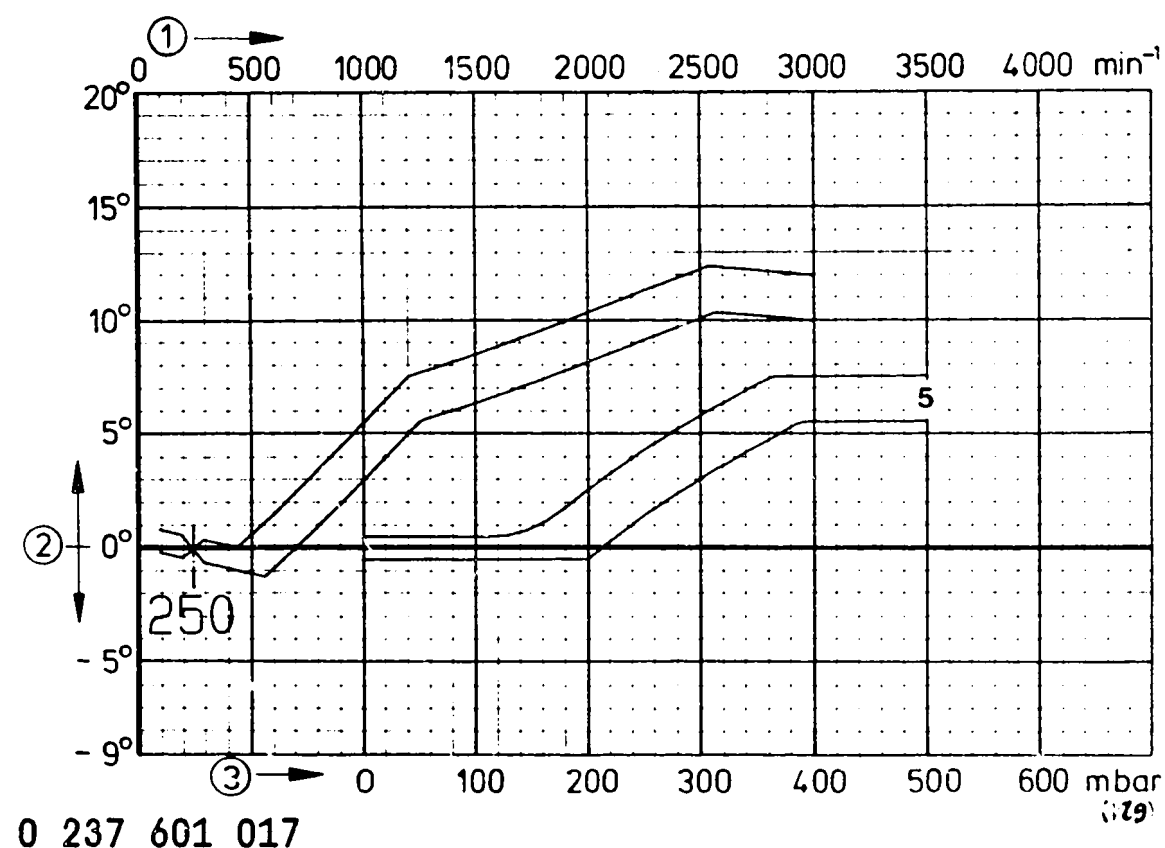
Repair and test instructions W-237/502



- 1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 950...1300  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502

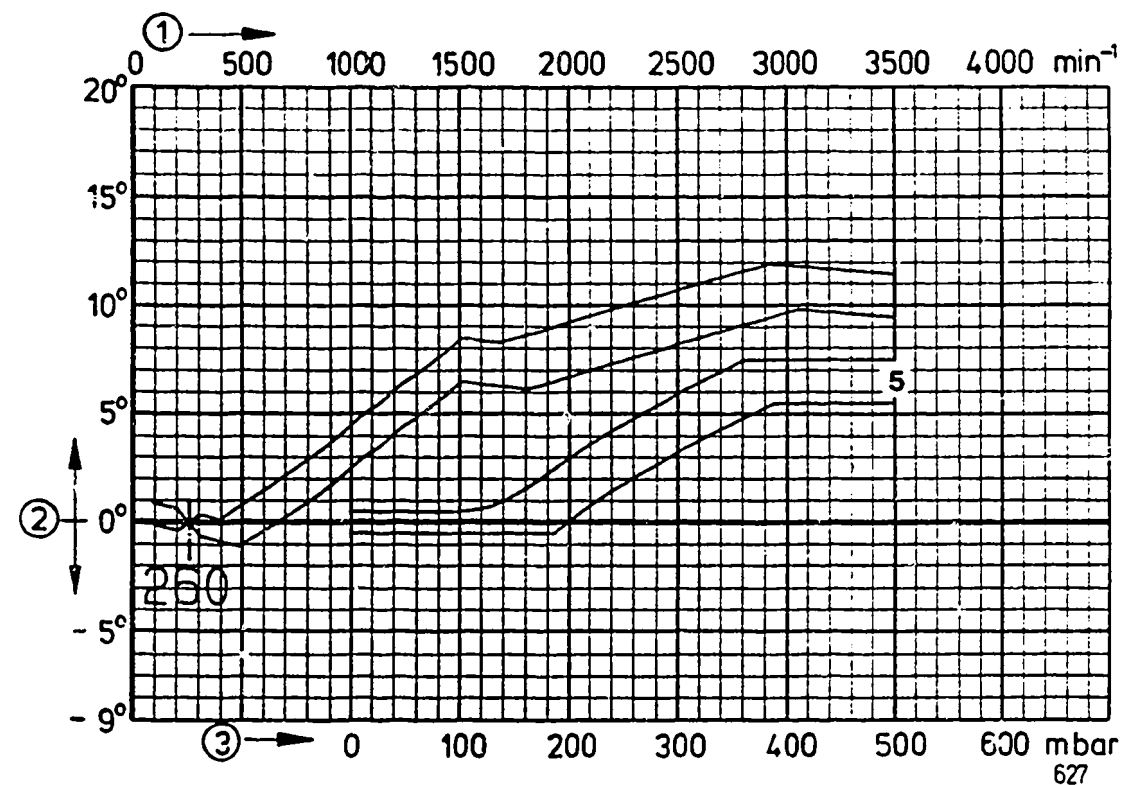


- 1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/502



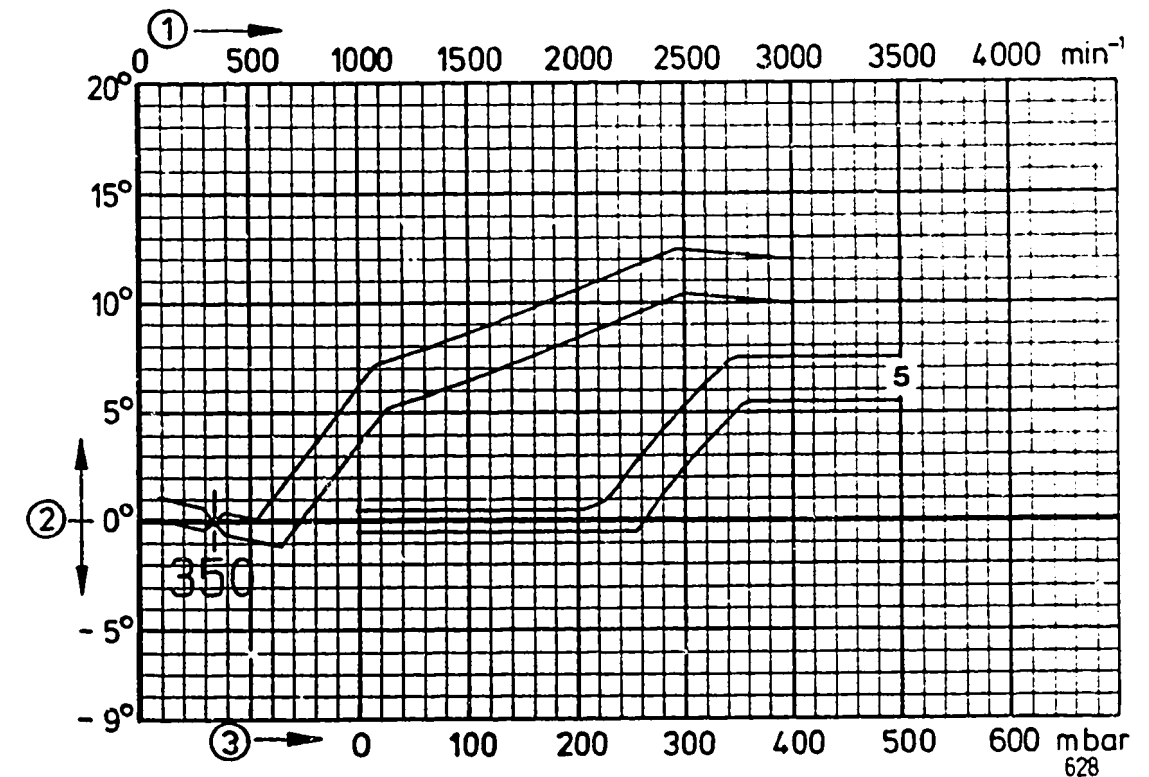


0 237 009 073

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	505...680 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

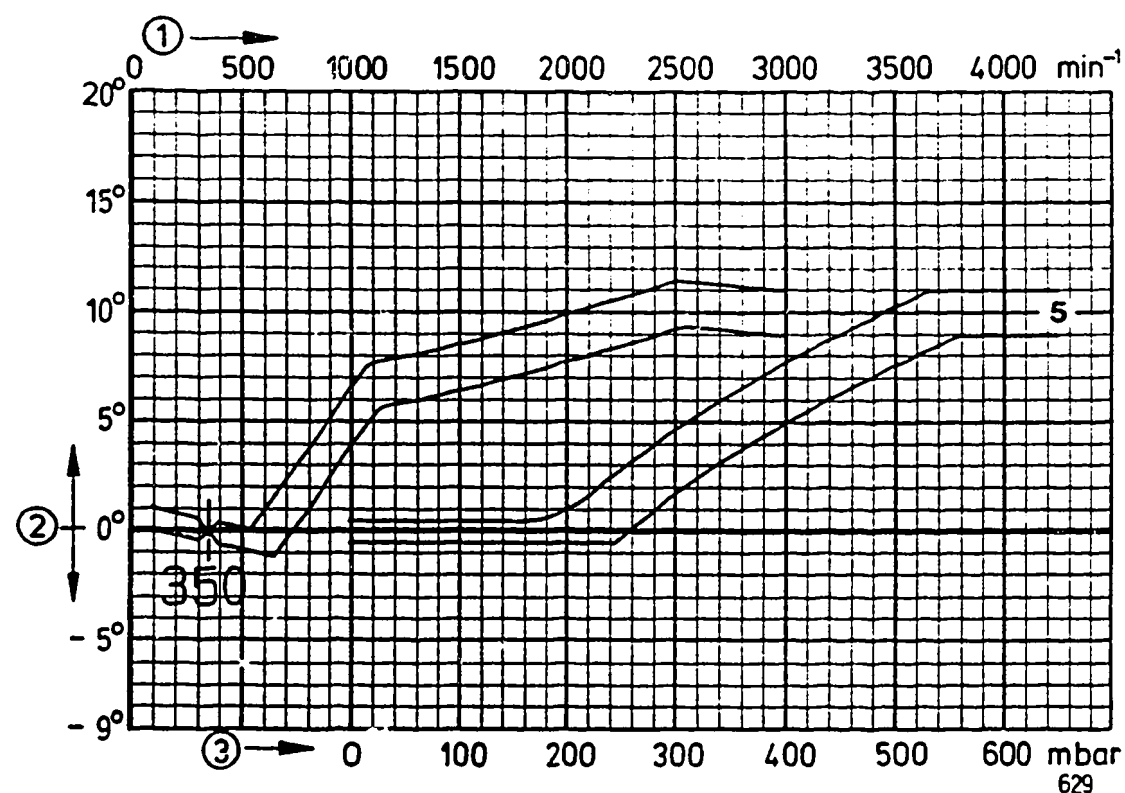


0 237 009 086

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

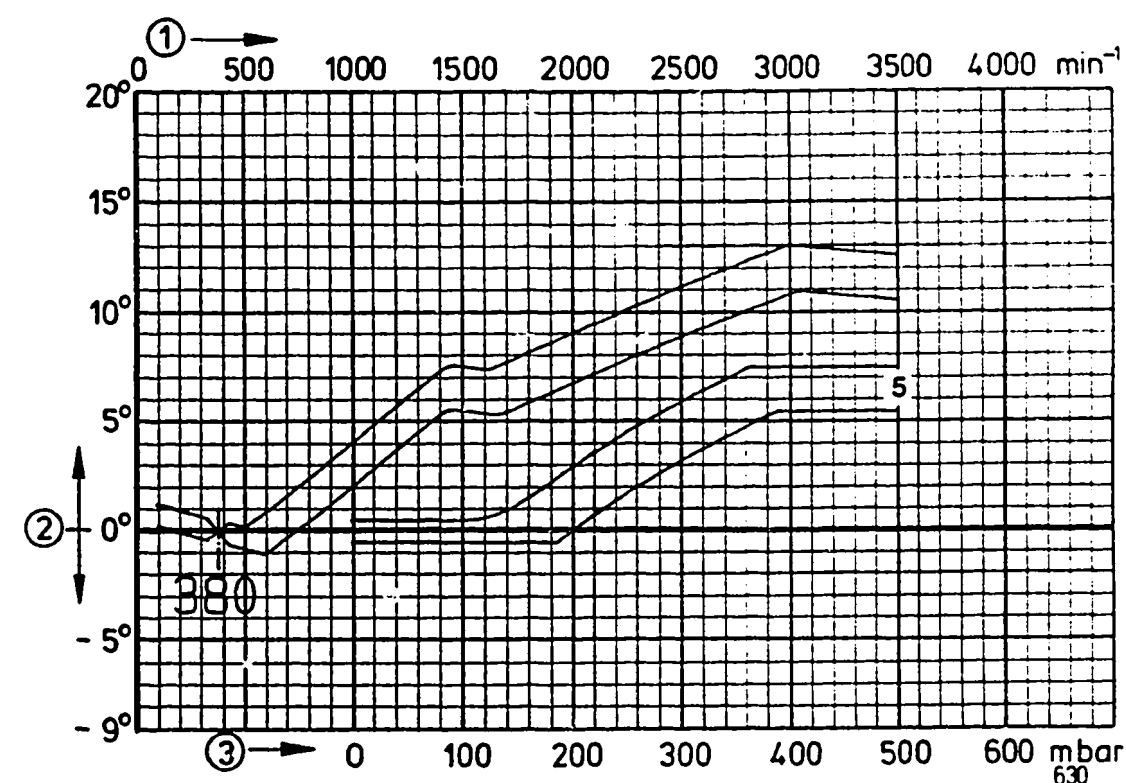


0 237 009 087

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

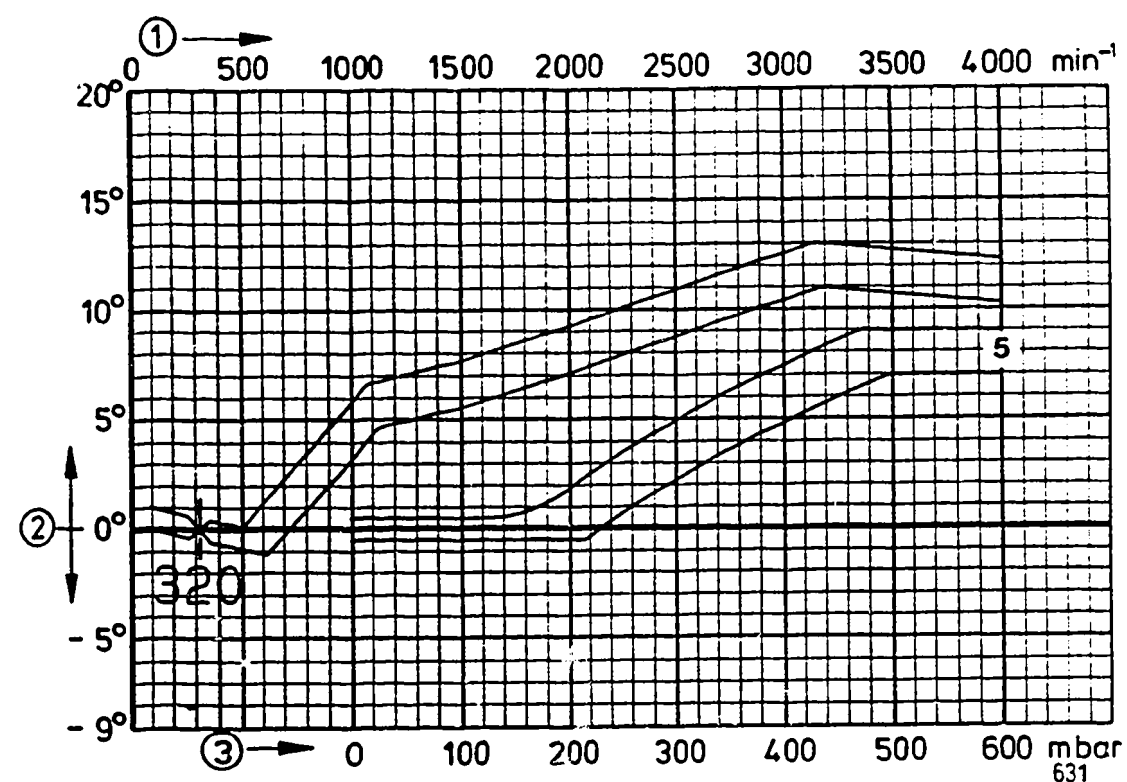


0 237 009 089

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 505...680 Ω  
 Air gap min. 0,25 mm  
 Tolerance-band allowance ± 0.5° DS

Repair and test instructions W-237/502

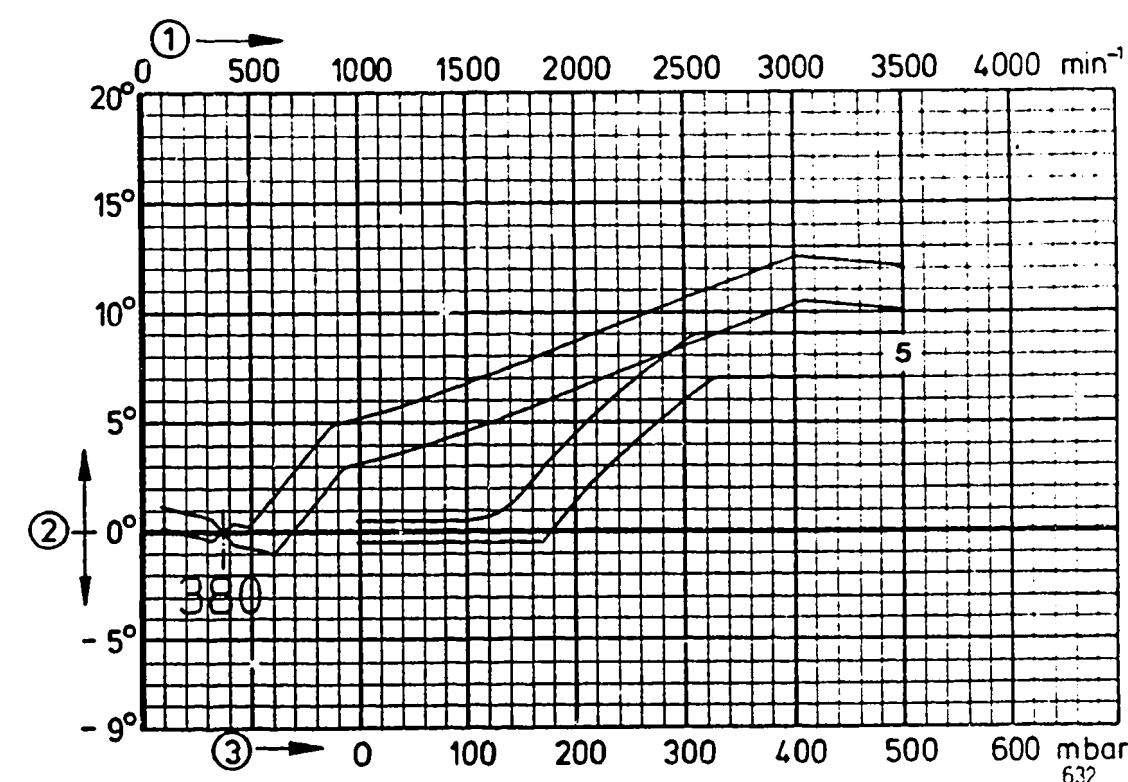


0 237 009 620

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

Repair and test instructions W-237/502

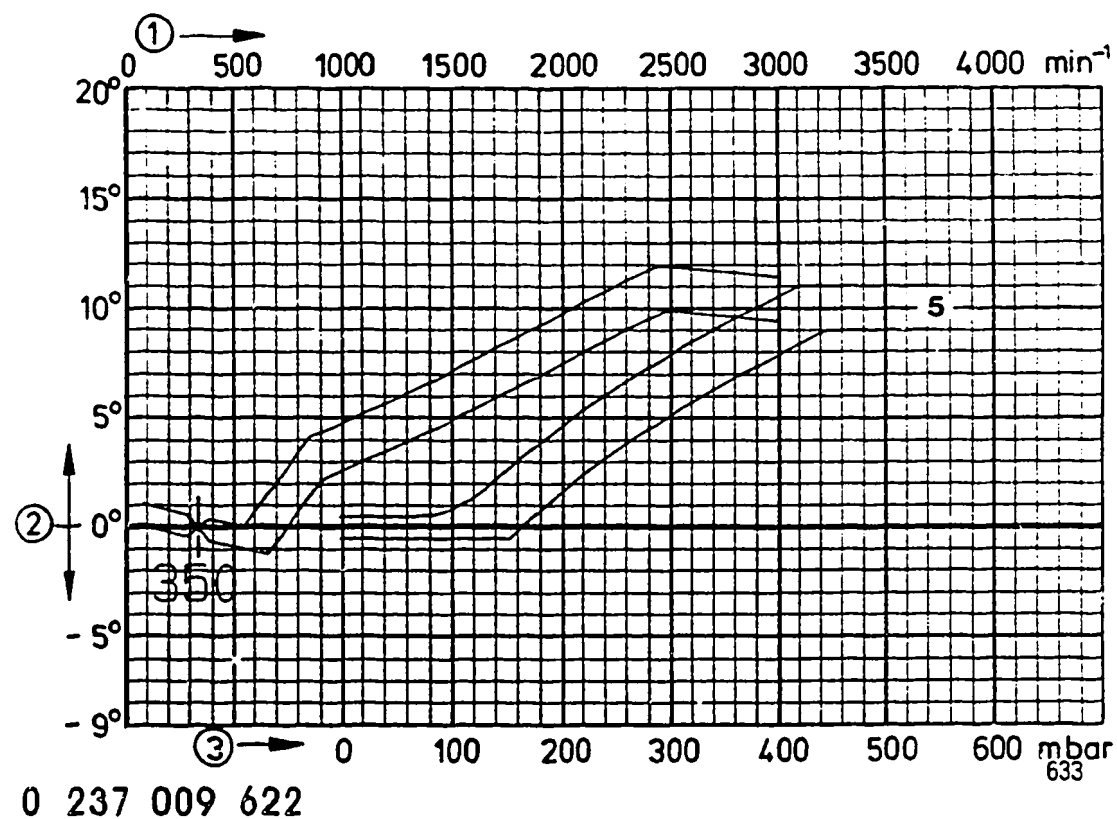


0 237 009 621

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	270...385 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS

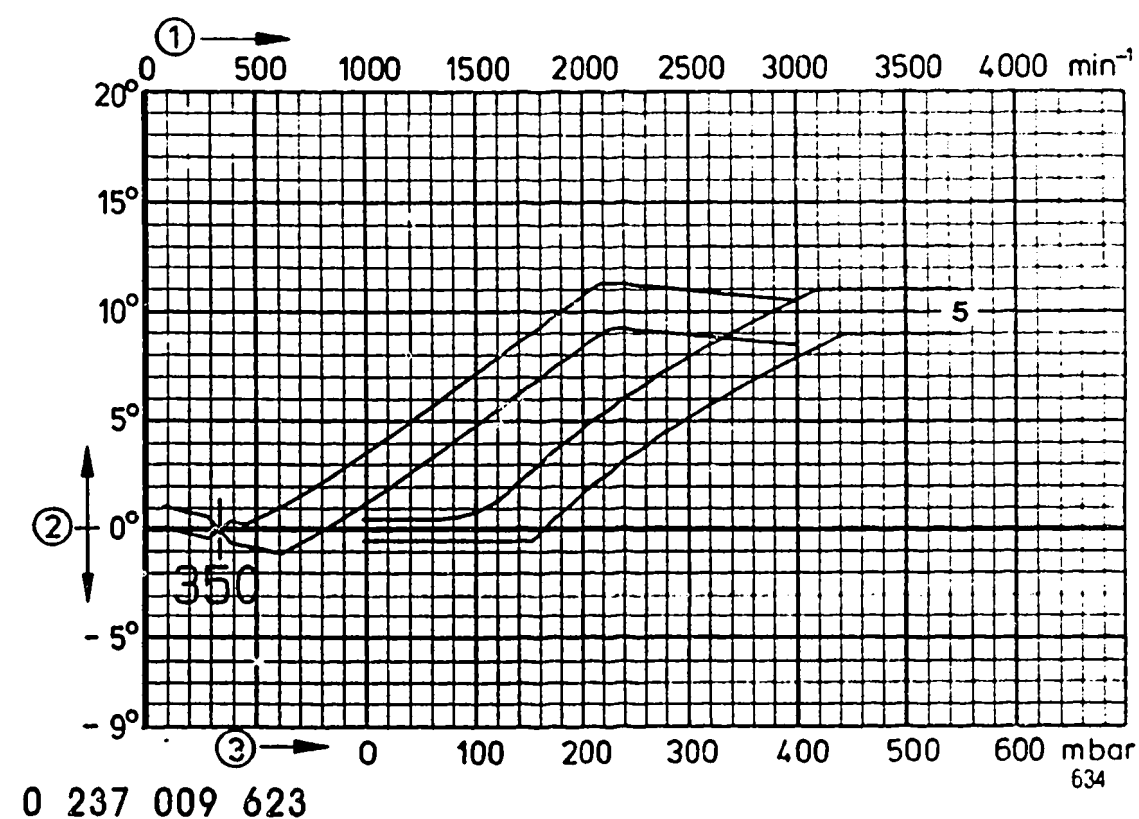
Repair and test instructions W-237/502



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

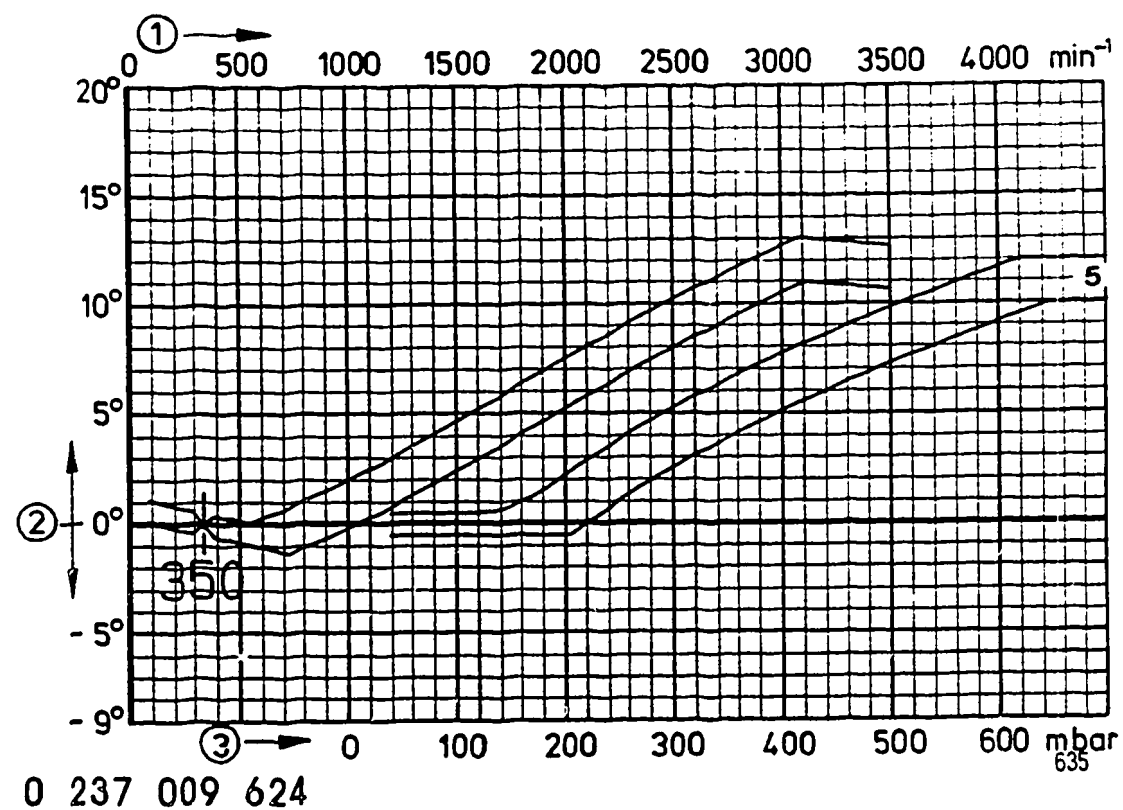
Repair and test instructions W-237/502



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

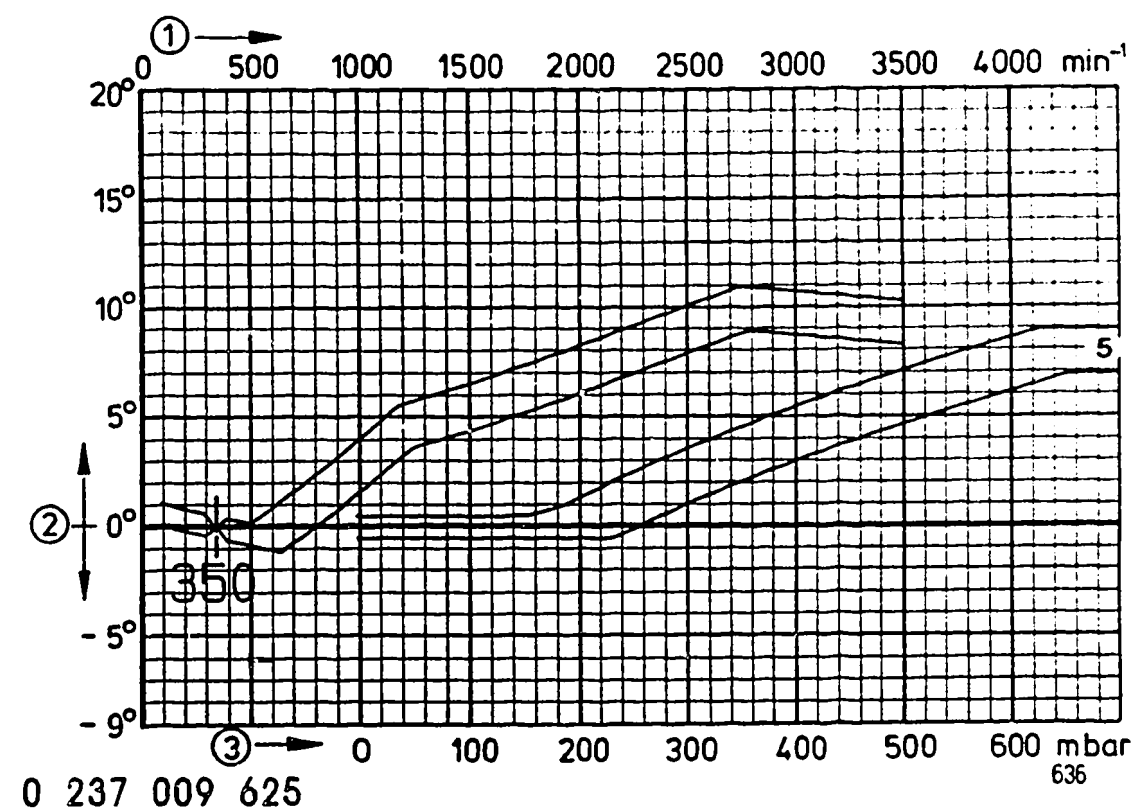
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- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

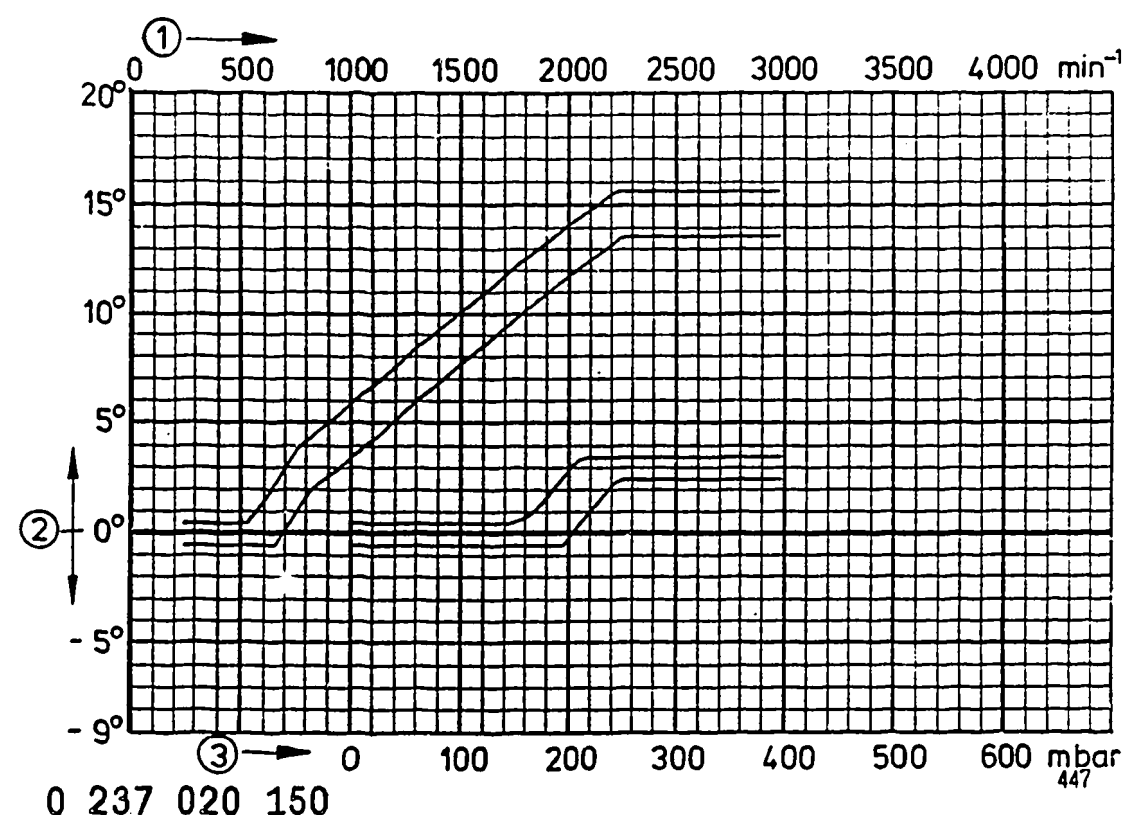
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- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-I  
 Sensor resistance 270...385  $\Omega$   
 Air gap min. 0,25 mm  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

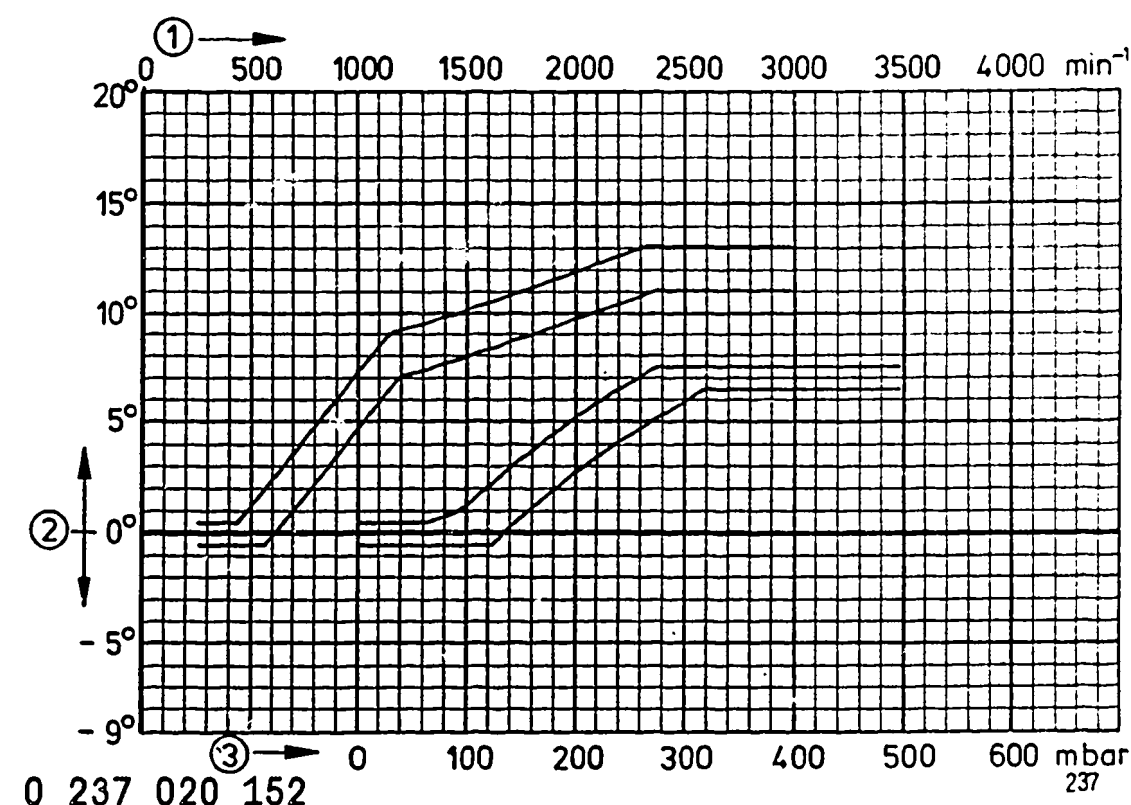
Repair and test instructions W-237/502



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

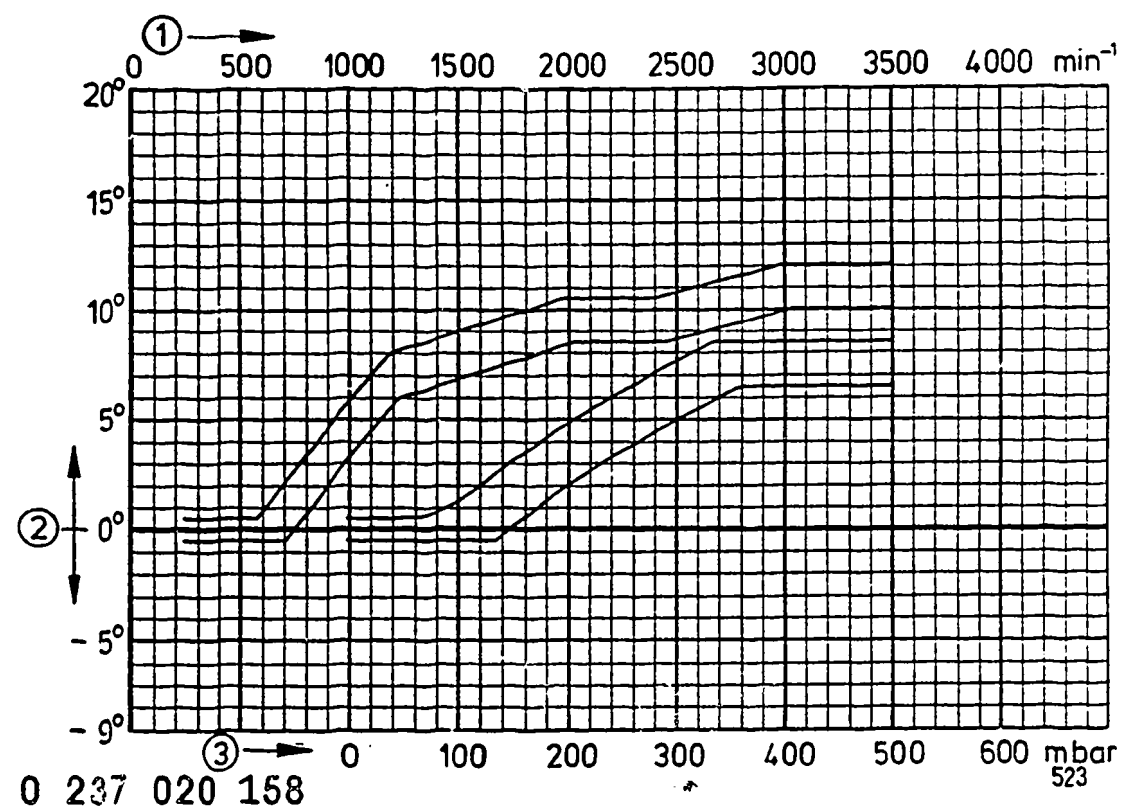
Repair and test instructions W-237/500



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS  
 Date of manufacture 243-  
 Cut-out speed of limiter 1555 up to 1650 min<sup>-1</sup>

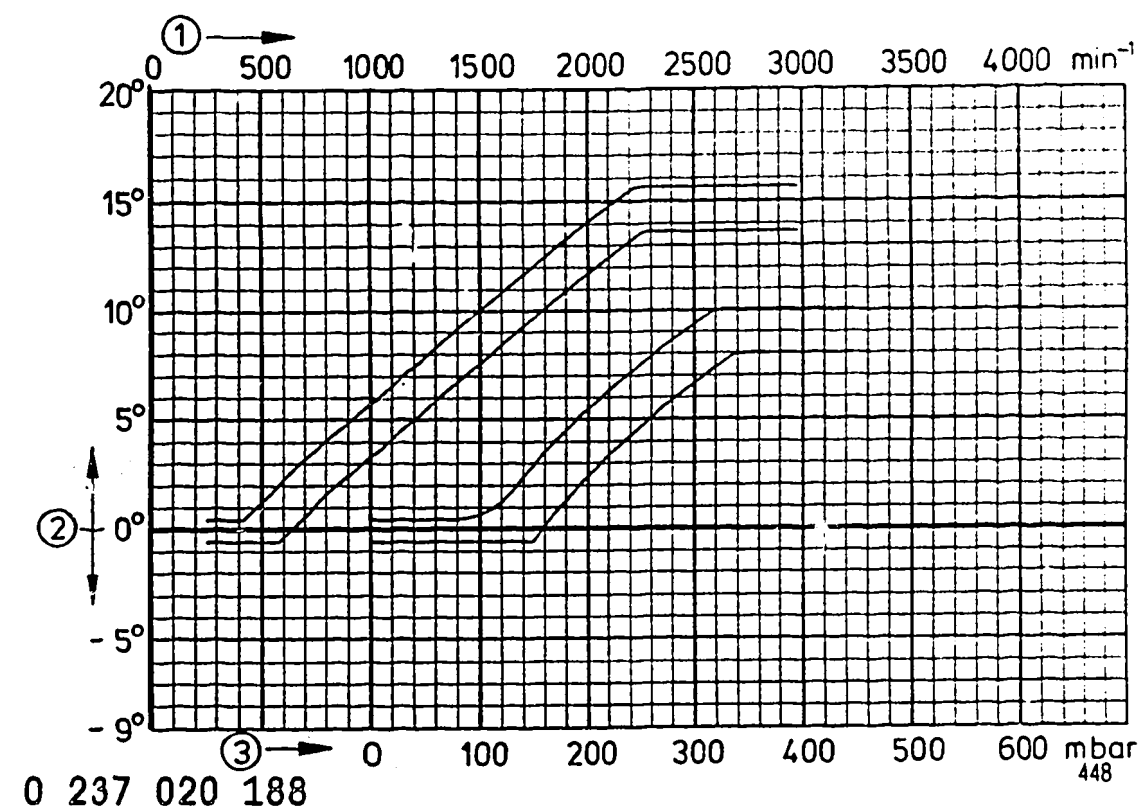
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1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

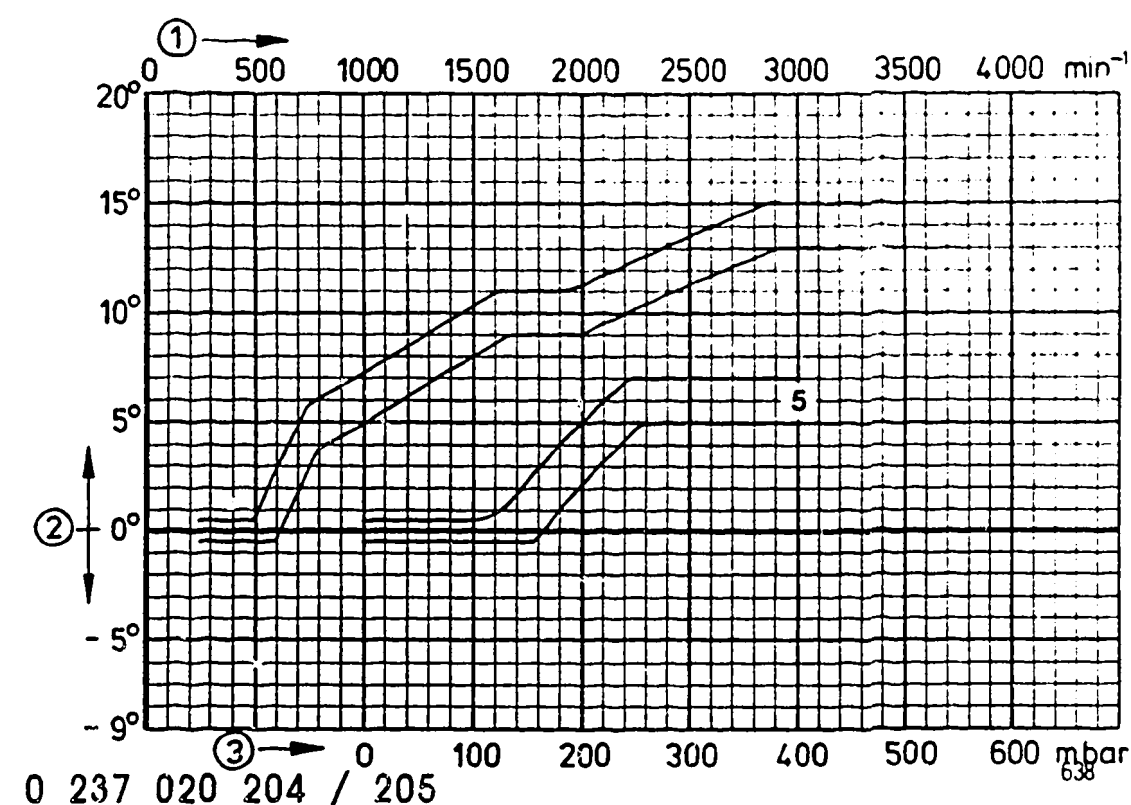
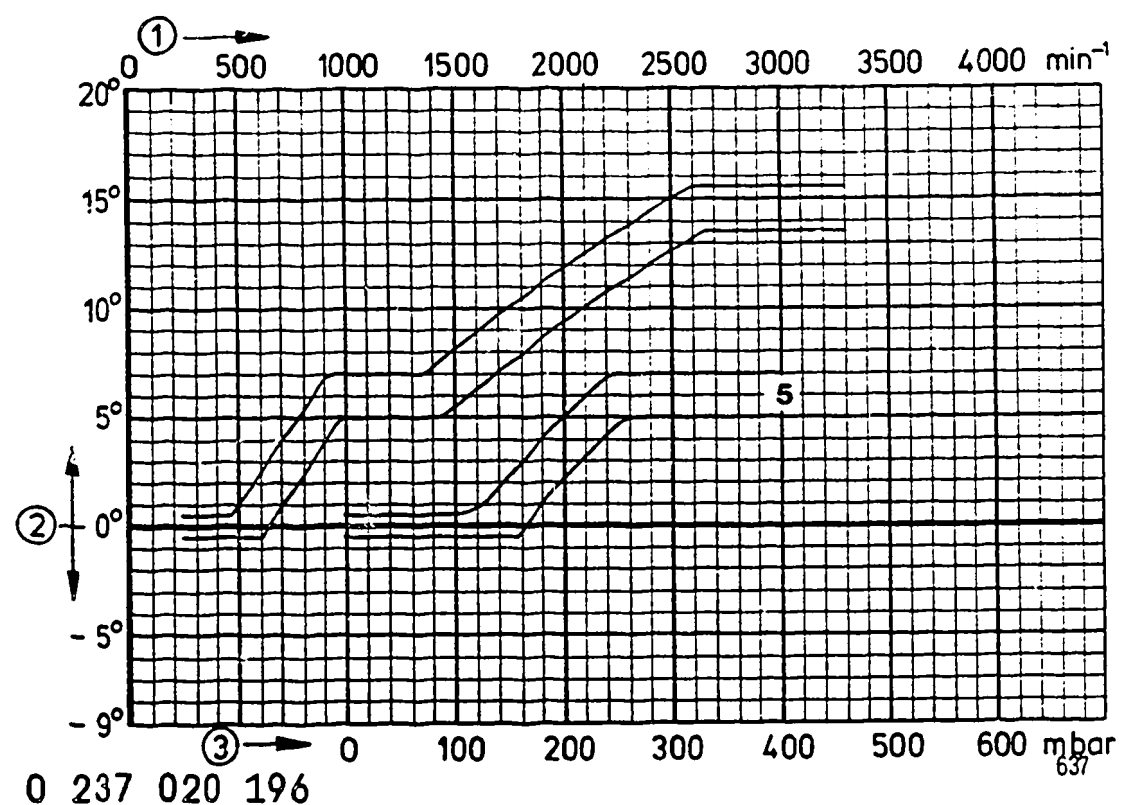
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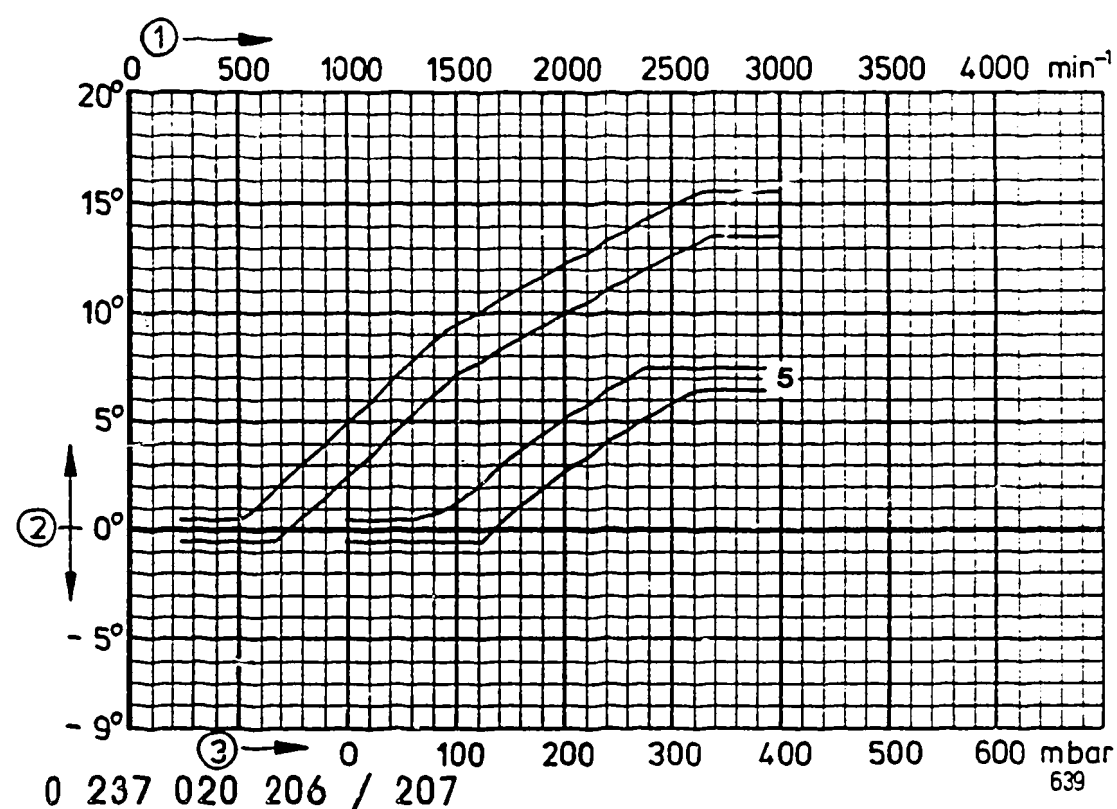
1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500



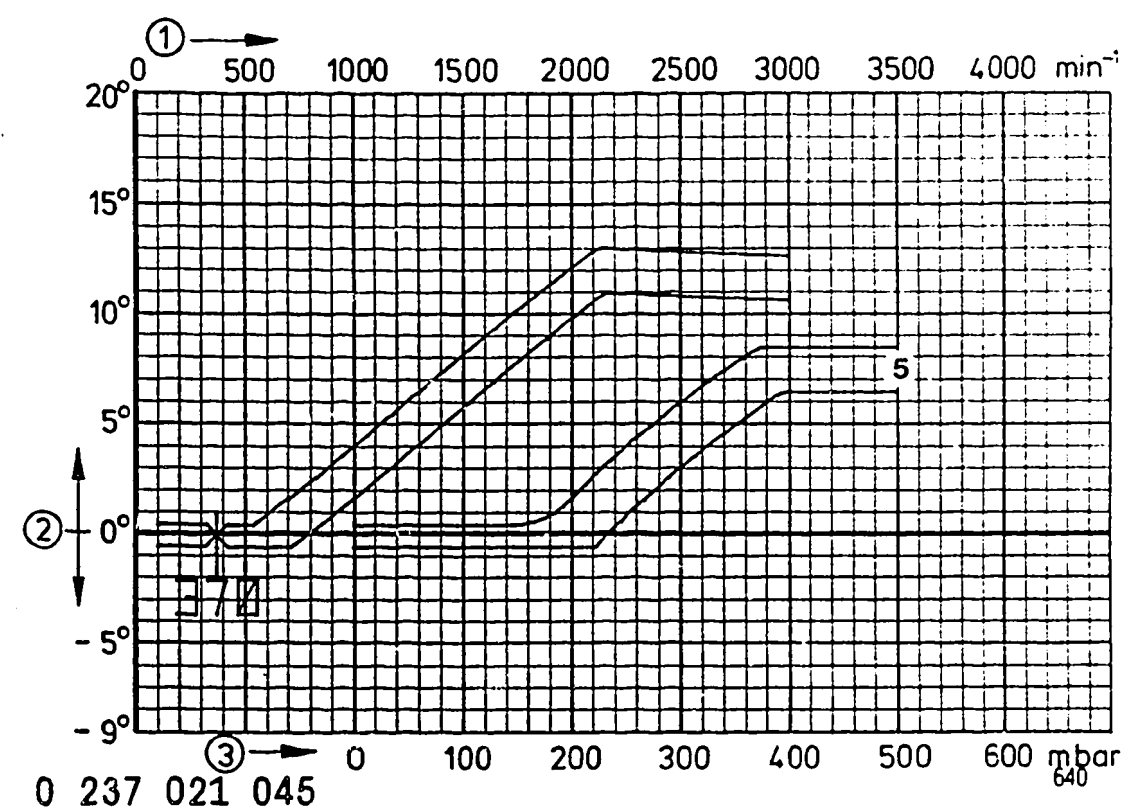




- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

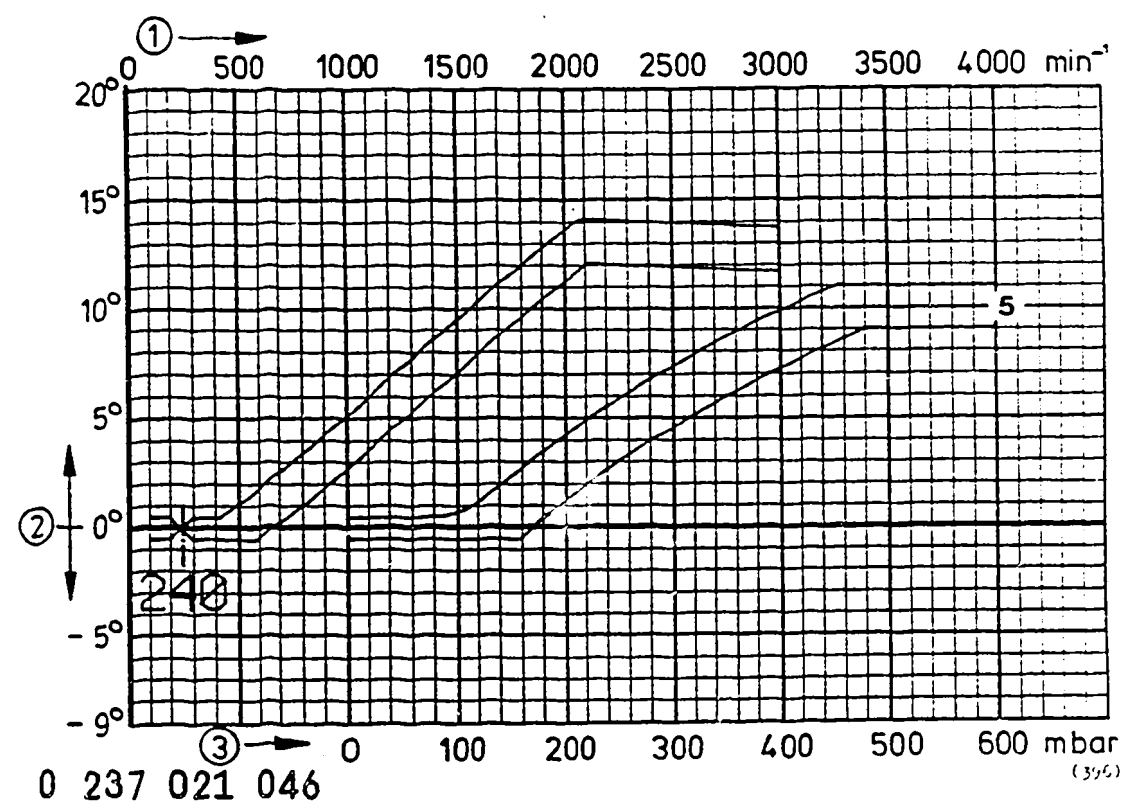
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- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

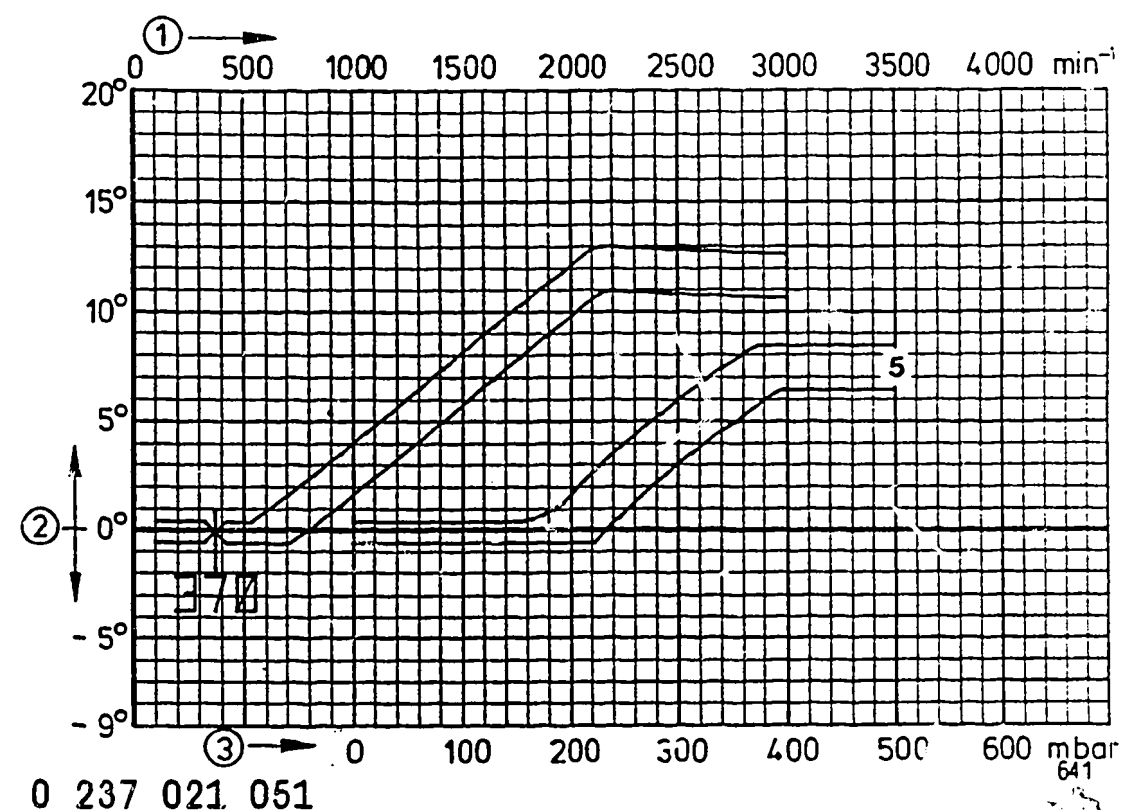
Repair and test instructions W-237/500



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

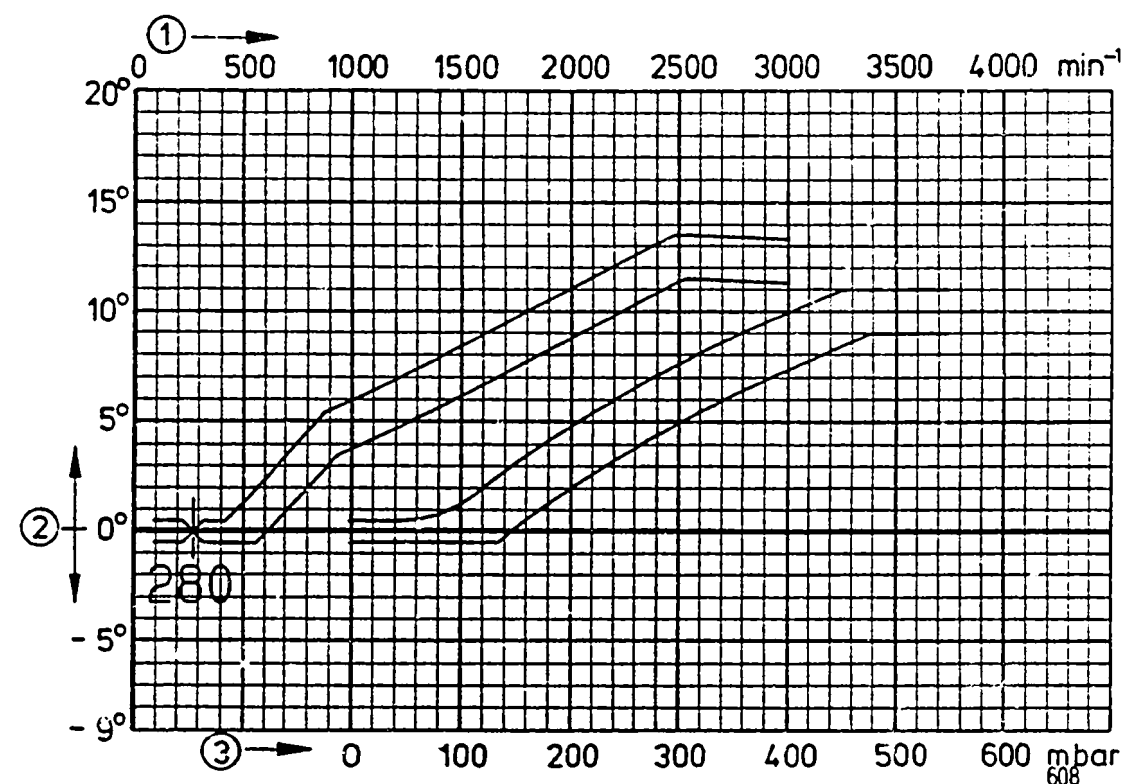
Repair and test instructions W-237/500



1 = Distributor-shaft speed  
 2 = Distributor-shaft adjustment  
 3 = Negative gauge pressure (vacuum)  
 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
 Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

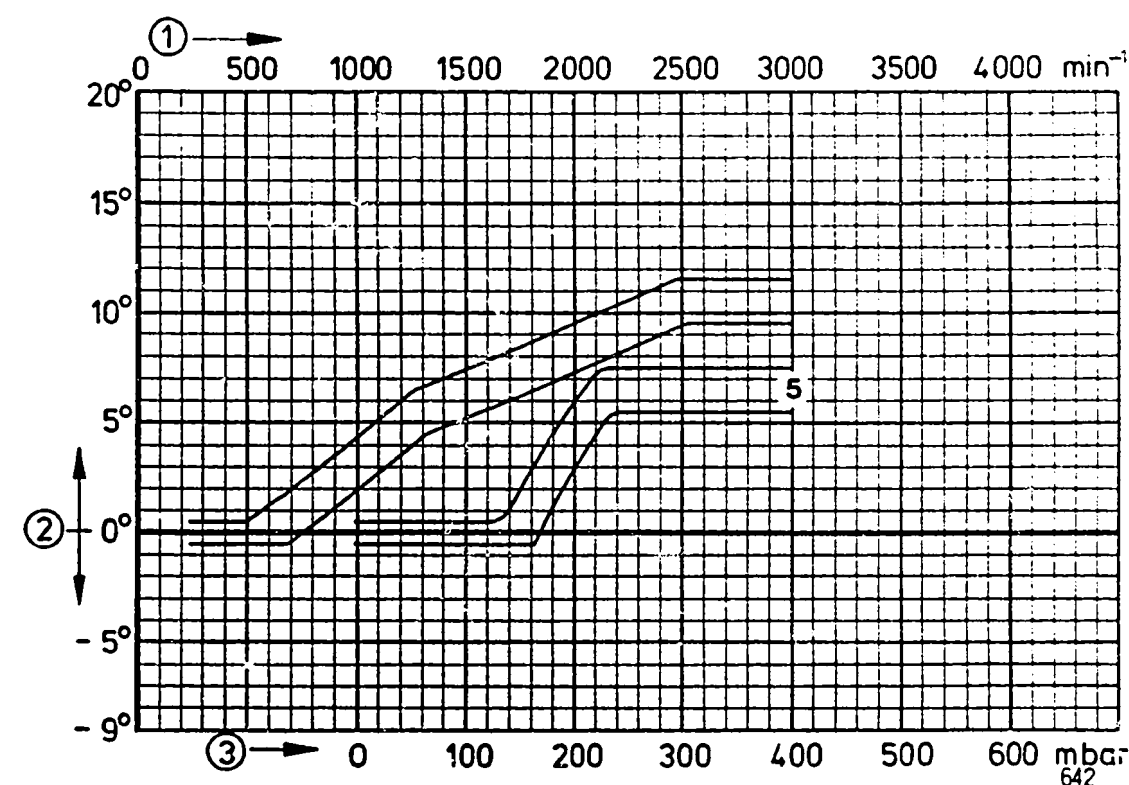


0 237 021 053

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

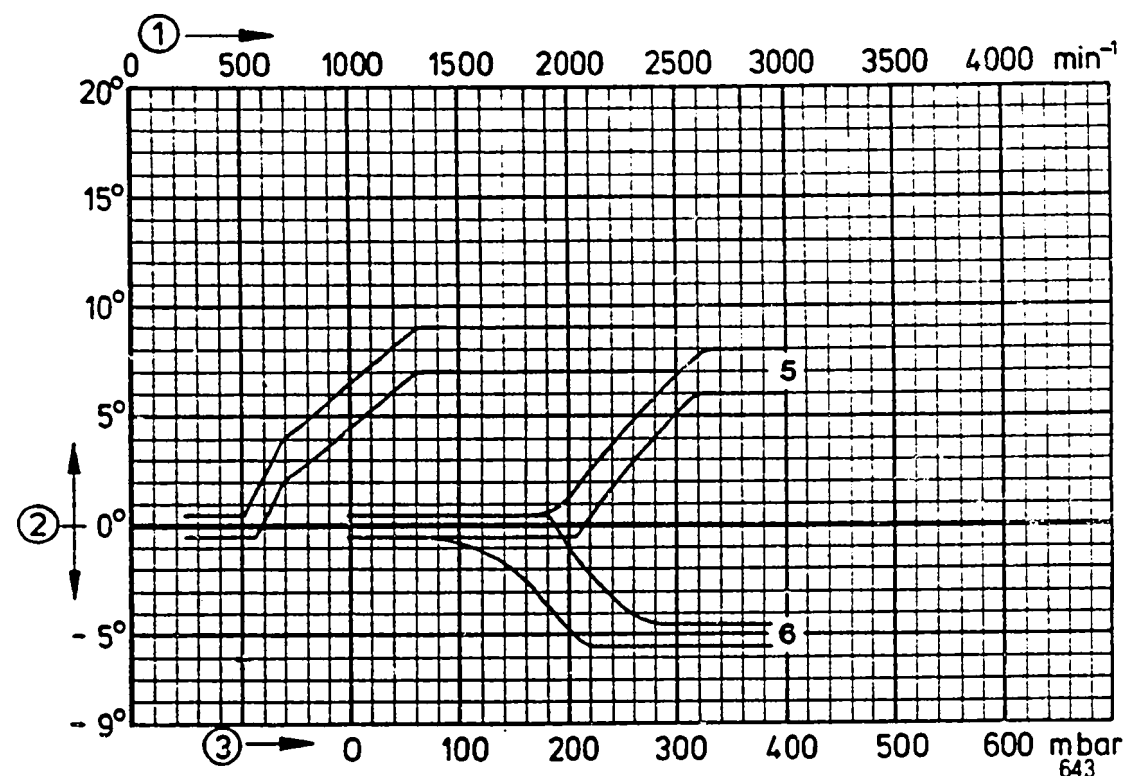


0 237 021 064 / 065

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

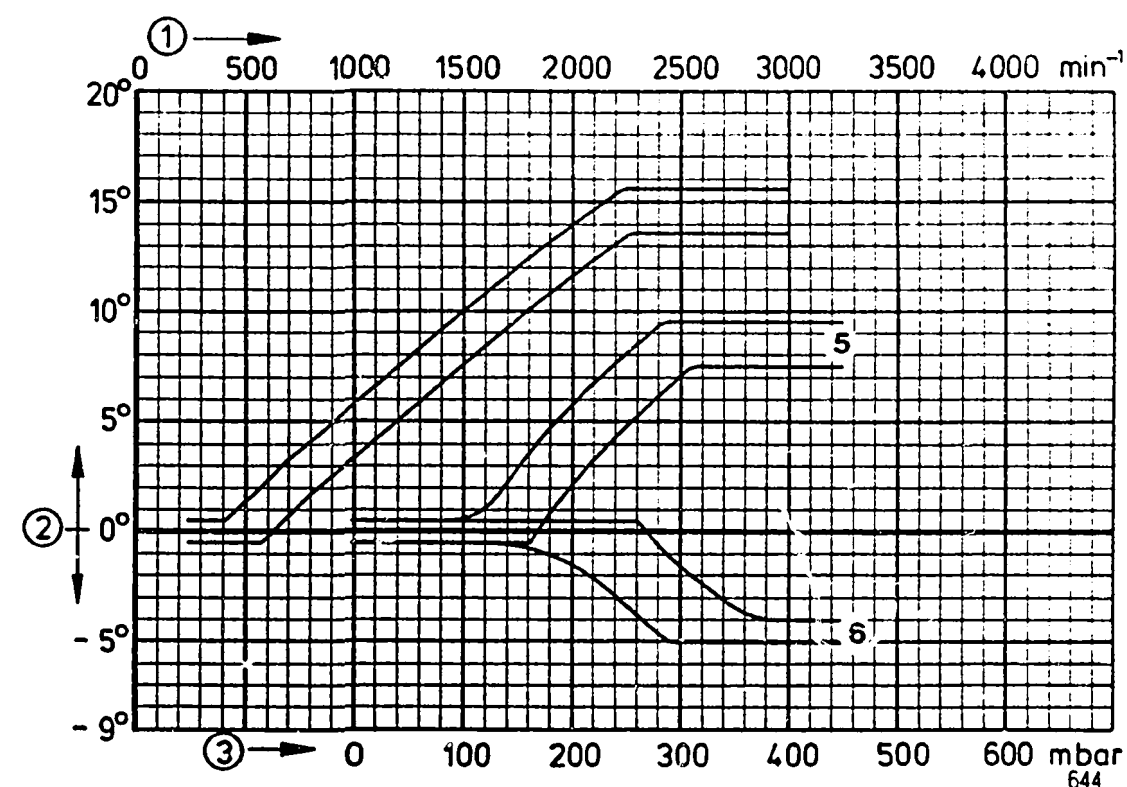


0 237 022 053 / 054

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

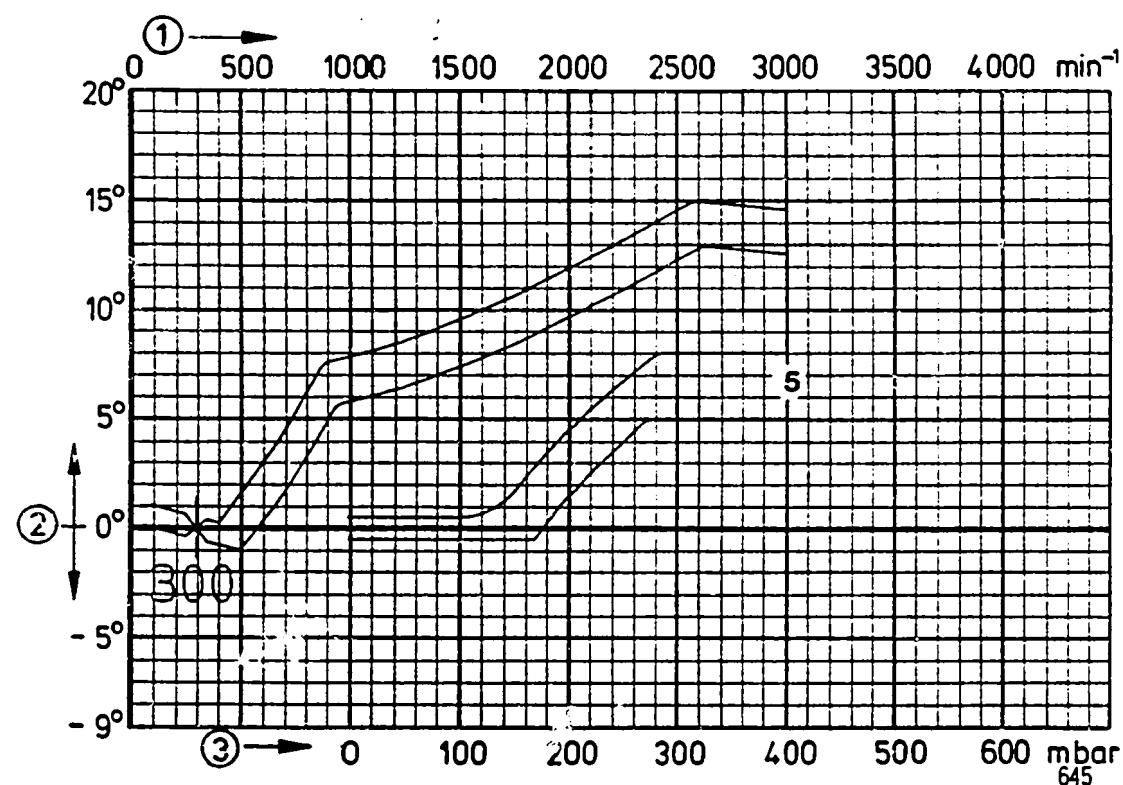


0 237 022 068 / 069

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Test adapter KDZV 7202 ID-H  
Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

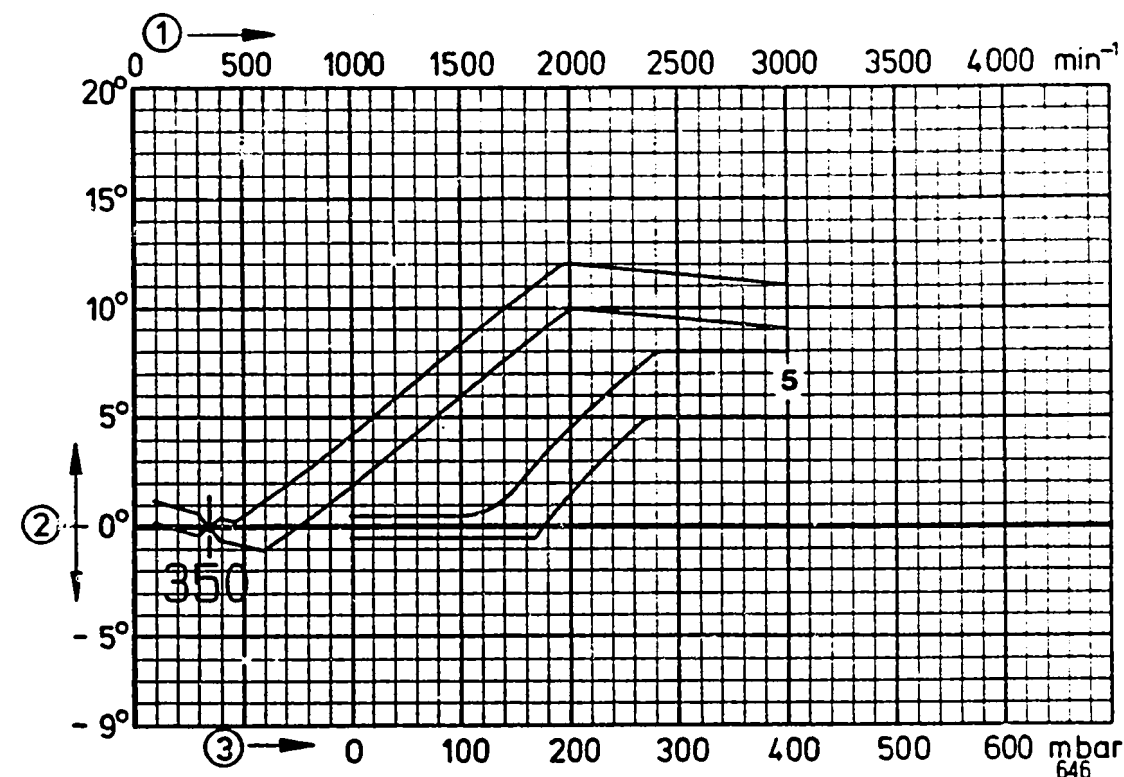


0 237 301 018

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	520...700 $\Omega$
Air gap min.	040 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Cut-out speed of limiter	2890 up to 3070 min <sup>-1</sup>

Repair and test instructions W-237/503

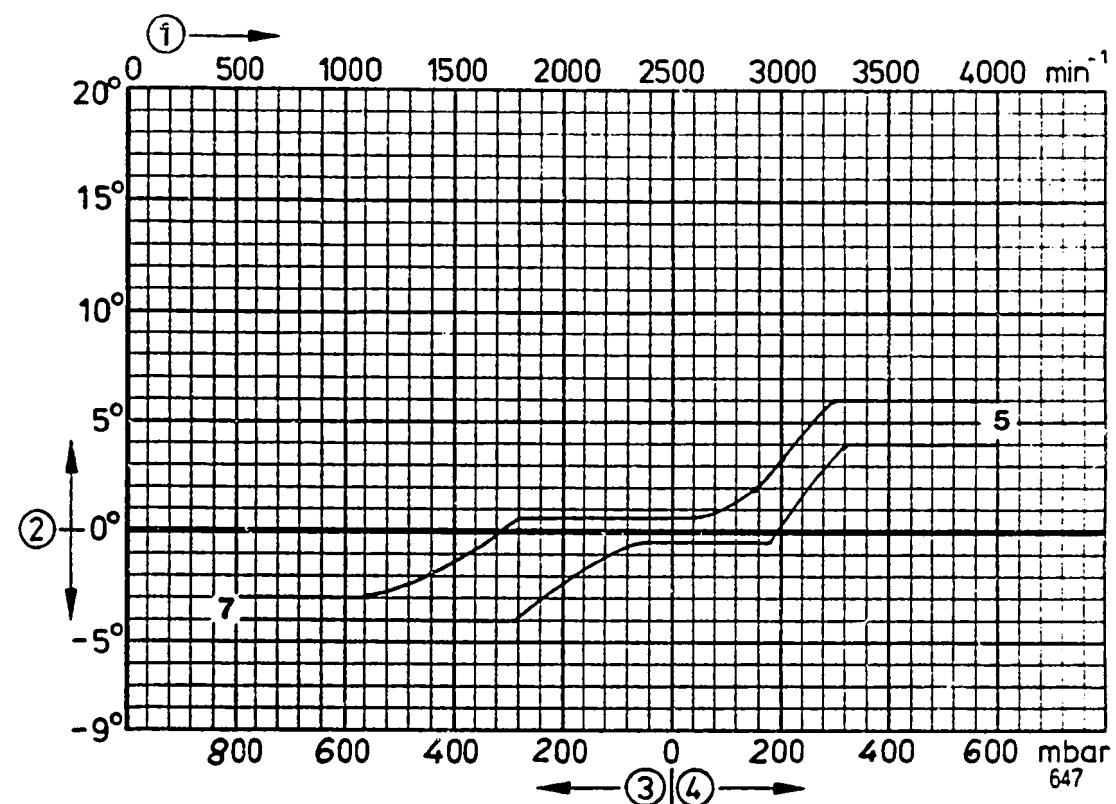


0 237 301 019

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Test adapter KDZV 7202	ID-I
Sensor resistance	520...700 $\Omega$
Air gap min.	0,25 mm
Tolerance-band allowance	$\pm 0.5^\circ$ DS
Cut-out speed of limiter	2890 up to 3070 min <sup>-1</sup>

Repair and test instructions W-237/503



0 237 507 010

- 1 = Distributor-shaft speed
- 2 = Distributor-shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 4 = Gauge pressure
- 5 = Negative gauge pressure (vacuum) advance
- 7 = Gauge pressure (advance/retard)

Test adapter KDZV 7202 ID-H

Tolerance-band allowance  $\pm 0.5^\circ$  DS

Repair and test instructions W-237/500

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